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REPORT

NMTBA
The Association For Manufacturing Technology

Direct Dial: (703)827-5260

STATISTICAL

No. 30-89 March 10, 1989

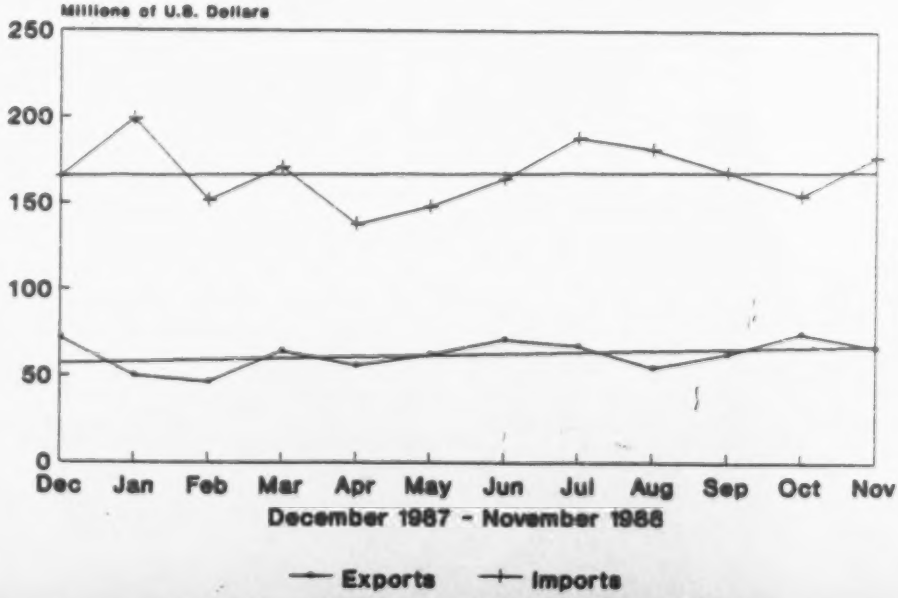
U.S. FOREIGN TRADE IN MACHINE TOOLS - NOVEMBER 1988

U.S. machine tool exports are up over 17% to $678.2 million for the eleven months through November 1988. Year-to-date imports are up just under one percent compared with the same time period in 1987. During November 1988, U.S. machine tool exports fell 11% from October and imports increased 15% from their previous month's level. The U.S. machine tool trade deficit for January through November 1988 improved by 7% from the same time period in 1987.

U.S. Machine Tool Trade
($Millions)

	November 1988			Eleven Month Total		
	Exports	Imports	Surplus (Deficit)	Exports	Imports	Surplus (Deficit)
Metal Cutting	$ 41.9	$123.6	($ 81.7)	$392.2	$1,378.8	($ 986.6)
Metal Forming	$ 24.8	$ 53.8	($ 29.0)	$286.0	$ 463.5	($ 177.5)
Total	$ 66.7	$177.5	($110.7)	$678.2	$1,842.3	($1,164.1)

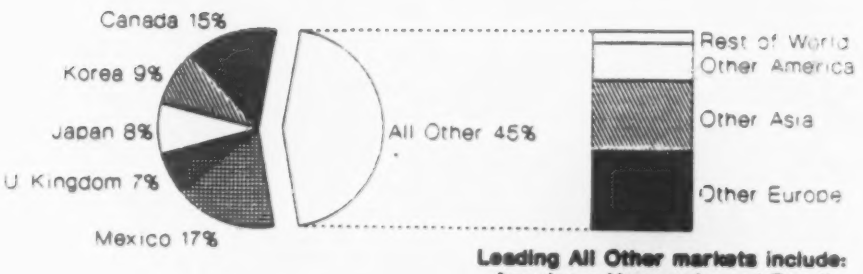
U.S. Foreign Trade in Machine Tools



7901 WESTPARK DRIVE, McLEAN, VIRGINIA 22102-4269 / PHONE (703) 893-2900 / TLX: 353619 / FAX (703)893-1151

November 1988 U.S. exports of metal forming machine tools increased by 13% over October, while metal cutting exports fell by 21%. Compared with January through November 1987, metal cutting machine tool exports are up 14%, while metal forming exports are up 21%. For the first eleven months of 1988, the leading export markets were (in millions): Mexico ($112.0), Canada ($99.0), Japan ($56.3), the Republic of Korea ($61.9) and the United Kingdom ($46.1).

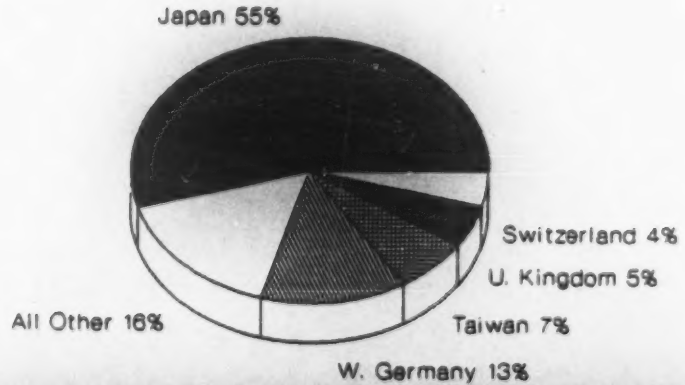
LEADING U.S. EXPORT MARKETS
January - November 1988
(% Based on U. S. Dollar Values)



Leading All Other markets include:
America - Venezuela and Brazil
Asia - China and Taiwan
Europe - W. Germany and Italy

U.S. imports of metal forming machines are down over 9% for January through November, while metal cutting imports are up 5% compared with the same time period in 1987. In November, metal forming imports jumped 30%, and metal cutting imports increased 9% compared with October. The leading exporters to the United States during January through November 1988 were (in millions): Japan ($1,006.2), West Germany ($242.9), Taiwan ($123.8), the United Kingdom ($92.2) and Switzerland ($81.2).

MAJOR U.S. IMPORT SOURCES
January - November 1988
(% Based on U.S. Dollar Values)



U.S. EXPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF DESTINATION BY TYPE OF MACHINE
NOVEMBER 1988

RELEASED: MARCH 10, 1989

		TOTAL YTD		TOTAL MO	
674:	METAL CUTTING	UNITS	$000	UNITS	$000
3020	Gear Hobbers & Shapers	81	8323	1	437
3045	Gear Cutting Machines, N.E.C.	70	16680	15	3508
3204	Vertical Mach. Ctrs. ATC, NC, Y-Axis Travel 26" or Less	90	7149	3	317
3206	Vertical Mach. Ctrs. ATC, NC, Y-Axis Travel Over 26"	11	2923	1	390
3209	Horizontal Machining Centers, ATC, NC	43	9251	12	2189
3211	Machining Centers, NC, N.E.C.	103	7732	19	1202
3216	Single Station and Multi-Station Transfer Machines	22	12422	3	1369
3225	Way Type Machines (Unit Heads)	11	1031	0	0
3245	Horiz. Boring-Drilling-Milling Machines, Table Type, NC	3	1042	1	350
3246	Horiz. Boring-Drilling-Milling Machines, NC, N.E.C.	5	1803	0	0
3247	Vertical Boring-Drilling-Milling Machines, NC	10	1524	0	0
3248	Horiz. Boring-Drilling-Milling Machines, Non-NC	8	1074	2	321
3249	Vertical Boring-Drilling-Milling Machines, Non-NC	39	2198	5	97
3254	Drilling Machines, NC	41	3459	0	0
3255	Drilling Machines, Multi-Spindle, Non-NC	24	1848	1	90
3256	Drilling Machines, Radial, Non-NC	18	665	1	42
3257	Drilling Machines, Upright, Single Spindle, Non-NC	11	279	0	0
3258	Drilling Machines, Non-NC, N.E.C.	180	3672	60	685
3264	Milling Machines, NC	16	7133	1	2830
3266	Milling Machines, Profiling, Dupl. & Die Sinking, Non-NC	41	6207	0	0
3267	Milling Machines, Knee Type, Non-NC	3	139	0	0
3268	Milling Machines, Bed Type, Non-NC	12	1068	0	0
3269	Milling Machines, Non-NC, N.E.C.	161	9738	14	1422
3276	Vertical Boring Machines, Incl. VTLs, NC	3	1318	0	0
3277	Vertical Boring Machines, Incl. VTLs, Non-NC	94	4335	14	326
3281	Boring Machines, NC, N.E.C.	6	387	1	64
3283	Boring Machines, Non-NC, N.E.C.	98	4710	7	423
3503	Horizontal Lathes, Multi-Spindle, NC	44	10130	3	578
3505	Horizontal Lathes, Excl. Multi-Spindle, NC, Less Than 25 HP	125	9704	7	731
3507	Horizontal Lathes, Excl. Multi-Spindle, NC, 25-50 HP	23	3824	1	321
3509	Horizontal Lathes, Excl. Multi-Spindle, NC, Over 50 HP	7	2144	0	0
3510	Horizontal Engine & Toolroom Lathes, Non-NC	99	2930	19	182
3511	Automatic Chucking Lathes, Single Spindle, Non-NC	20	2148	0	0
3512	Automatic Chucking Lathes, Multi-Spindle, Non-NC	9	725	0	0
3515	Automatic Bar Machines, Single-Spindle, Non-NC	32	753	2	16
3516	Automatic Bar Machines, Multi-Spindle, Non-NC	42	1706	4	218
3518	Horizontal Lathes, Non-NC, N.E.C.	373	9230	57	2108
3521	Vertical Lathes, Multi-Spindle, Excl. VTLs, NC	6	612	3	174
3523	Vertical Lathes, Excl. Multi-Spindle & VTLs, NC	14	781	0	0
3525	Vertical Lathes, Excl. VTLs, Non-NC	111	6341	18	1149
3528	Grinding, Polishing, Honing & Lapping Machines, NC	260	37099	41	1984
3529	Gear Tooth Grinding & Finishing Machines, Non-NC	45	1809	2	49
3531	Tool & Cutter Grinding Machines, Non-NC	381	6756	33	925
3532	Honing & Lapping Machines, Non-NC	525	6343	38	442
3533	Grinding Machines, Flat Surface Reciprocating Table, Non-NC	148	2573	10	339
3538	Grinding Machines, Flat Surface, Non-NC, N.E.C.	337	33131	30	2637
3541	External Grinding Machines, Non-NC	19	3525	0	0
3542	Internal Grinding Machines, Non-NC	44	6303	1	297
3544	Grinding, Polishing & Buffing Machines, Non-NC, N.E.C.	280	9794	9	88
3546	Grinding Machines, Non-NC, N.E.C.	282	12171	16	1054
3547	Traveling Wire Electrical Discharge Machines	33	1330	2	13
3549	All Other Electrical Discharge Machines	216	2800	12	46
3551	Spark Erosion, Ultrasonic & Electrolytic Machines, NC	13	685	1	67
3553	Spark Erosion, Ultrasonic & Electrolytic Machines, Non-NC	88	3376	8	179
3559	Metal Cutting Machine Tools, NC, N.E.C.	139	6556	31	845
3565	Sawing & Cut-Off Machines, Non-NC	617	11145	86	3116
3566	Broaching Machines, Non-NC	22	3577	1	695
3567	Metal Cutting Machine Tools, Non-NC, N.E.C.	257	5772	24	215
4000	Metal Cutting Machine Tools, Used Or Rebuilt*	6477	53807	607	5708
5000	Metal Cutting Machine Tools, Less Than $2500**	27936	15024	3333	1654
	TOTAL CUTTING			4560	4188
	TOTAL CUTTING YTD	40228	392212		
674:	METAL FORMING				
1011	Die Casting Machines & Parts	0	18017	0	1228
3568	Metal Forming Machine Tools, Used Or Rebuilt	979	14530	53	1085
3569	Metal Forming Machine Tools, Less Than $2500	5527	3494	215	153
3571	Punching & Shearing Machines, Incl. Combination, NC	94	15067	9	1393
3573	Shearing Machines, Non-NC	128	3624	21	357
3575	Punching & Combination Punching & Shearing Machines, Non-NC	979	22109	131	2484
3578	Bending, Folding, Straightening & Flattening Machines, NC	122	6104	5	266
3582	Press Brakes, Non-NC	93	4747	8	805
3583	Bending Rolls, Ram & Press Bending Machines, Non-NC	17	1663	2	294
3584	Bending, Folding, Str. & Flattening Machines, Non-NC, N.E.C.	887	29359	72	1427
3588	Mechanical Presses	267	26894	32	4454
3589	Hydraulic Presses, Vertical, Single Action	105	6830	5	1868
3590	Hydraulic & Pneumatic Presses	1083	50372	44	1635
3594	Headers & Upsetters, Non-NC	87	19755	3	1630
3595	Forging Machines, Non-NC, N.E.C.	159	3785	4	440
3598	Metal Forming Machine Tools, Non-NC, N.E.C.	1215	59979	98	5332
	TOTAL FORMING			702	24848
	TOTAL FORMING YTD	11742	285995		
	TOTAL ALL TYPES			5262	66731
	TOTAL ALL TYPES YTD	51970	678207		

*CODE 6744000 SHOWN ABOVE REPRESENTS COMBINED DATA FROM CODES 674: 3015, 3241, 3252, 3261, 3272, 3501, 3526, & 3554.

**CODE 6745000 SHOWN ABOVE REPRESENTS COMBINED DATA FROM CODES 674: 3243, 3253, 3262, 3273, 3502, 3527, & 3557

U.S. EXPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF DESTINATION BY TYPE OF MACHINE
NOVEMBER 1988

	AUSTRIA		BELGIUM		DENMARK		FRANCE		IRELAND	
674:	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3020	0	0	0	0	0	0	0	0	0	0
3045	0	0	0	0	0	0	0	0	0	0
3204	0	0	0	0	0	0	0	0	0	0
3206	0	0	0	0	0	0	0	0	0	0
3209	0	0	0	0	0	0	0	0	0	0
3211	0	0	0	0	0	0	0	0	0	0
3216	0	0	0	0	0	0	0	0	0	0
3225	0	0	0	0	0	0	0	0	0	0
3245	0	0	0	0	0	0	0	0	0	0
3246	0	0	0	0	0	0	0	0	0	0
3247	0	0	0	0	0	0	0	0	0	0
3248	0	0	0	0	0	0	0	0	0	0
3249	0	0	0	0	0	0	0	0	0	0
3254	0	0	0	0	0	0	0	0	0	0
3255	0	0	0	0	0	0	0	0	0	0
3256	0	0	0	0	0	0	0	0	0	0
3257	0	0	0	0	0	0	0	0	0	0
3258	0	0	0	0	0	0	0	0	0	0
3264	0	0	0	0	0	0	0	0	0	0
3266	0	0	0	0	0	0	0	0	0	0
3267	0	0	0	0	0	0	0	0	0	0
3268	0	0	0	0	0	0	0	0	0	0
3269	0	0	0	0	0	0	0	0	0	0
3276	0	0	0	0	0	0	0	0	0	0
3277	0	0	0	0	0	0	0	0	0	0
3281	0	0	0	0	0	0	0	0	0	0
3283	0	0	0	0	0	0	0	0	0	0
3503	0	0	0	0	0	0	0	0	0	0
3505	0	0	0	0	0	0	0	0	0	0
3507	0	0	0	0	0	0	0	0	0	0
3509	0	0	0	0	0	0	0	0	0	0
3510	0	0	0	0	0	0	0	0	0	0
3511	0	0	0	0	0	0	0	0	0	0
3512	0	0	0	0	0	0	0	0	0	0
3515	0	0	0	0	0	0	0	0	0	0
3516	0	0	0	0	0	0	0	0	0	0
3518	0	0	1	3	0	0	0	0	1	28
3521	0	0	0	0	0	0	0	0	0	0
3523	0	0	0	0	0	0	0	0	0	0
3525	0	0	0	0	0	0	0	0	0	0
3528	0	0	0	0	0	0	0	0	0	0
3529	0	0	0	0	0	0	0	0	0	0
3531	0	0	0	0	1	97	0	0	0	0
3532	0	0	0	0	0	0	0	0	0	0
3533	0	0	0	0	0	0	0	0	0	0
3538	0	0	0	0	0	0	0	0	0	0
3541	0	0	0	0	0	0	0	0	0	0
3542	0	0	0	0	0	0	0	0	0	0
3544	0	0	0	0	0	0	0	0	0	0
3546	0	0	0	0	0	0	0	0	0	0
3547	0	0	0	0	0	0	0	0	0	0
3549	0	0	0	0	0	0	0	0	0	0
3551	0	0	0	0	0	0	0	0	0	0
3553	0	0	0	0	0	0	0	0	0	0
3559	0	0	0	0	0	0	0	0	0	0
3565	0	0	0	0	0	0	1	21	0	0
3566	0	0	0	0	0	0	0	0	0	0
3567	0	0	0	0	0	0	0	0	0	0
4000	0	0	1	27	0	0	2	4	0	0
5000	0	0	6	4	0	0	40	28	0	0
CUT MO.	0	0	8	34	1	97	43	53	1	28
CUT YTD	88	804	402	4834	9	505	504	7361	34	1301
1011	0	78	0	0	0	0	0	0	0	0
3568	0	0	0	0	0	0	0	0	0	0
3569	0	0	0	0	0	0	36	8	0	0
3571	0	0	0	0	0	0	0	0	0	0
3573	0	0	0	0	0	0	0	0	0	0
3575	0	0	0	0	0	0	1	3	12	145
3578	0	0	0	0	0	0	0	0	0	0
3582	0	0	0	0	0	0	0	0	0	0
3583	0	0	0	0	0	0	0	0	0	0
3584	0	0	0	0	0	0	1	31	0	0
3588	0	0	0	0	0	0	1	455	0	0
3589	0	0	0	0	0	0	0	0	1	768
3590	0	0	0	0	0	0	0	0	0	0
3594	0	0	0	0	0	0	0	0	0	0
3595	0	0	0	0	0	0	0	0	0	0
3598	0	0	0	0	0	0	0	0	0	0
FRM MO.	0	78	0	0	0	0	39	497	13	913
FRM YTD	31	479	156	1212	69	277	553	8429	31	1618
TOT MO.	0	78	8	34	1	97	82	550	14	941
TOT YTD	119	1283	558	6046	78	782	1057	15790	65	2919

U.S. EXPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF DESTINATION BY TYPE OF MACHINE
NOVEMBER 1988

	ITALY		NETHERLANDS		POLAND		SPAIN		SWEDEN	
674	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3020	1	437	0	0	0	0	0	0	0	0
3045	0	0	0	0	0	0	0	0	0	0
3204	0	0	0	0	0	0	0	0	0	0
3206	0	0	0	0	0	0	0	0	0	0
3209	0	0	0	0	0	0	0	0	0	0
3211	0	0	0	0	0	0	0	0	0	0
3216	0	0	0	0	0	0	0	0	0	0
3225	0	0	0	0	0	0	0	0	0	0
3245	0	0	0	0	0	0	0	0	0	0
3246	0	0	0	0	0	0	0	0	0	0
3247	0	0	0	0	0	0	0	0	0	0
3248	0	0	0	0	0	0	0	0	0	0
3249	0	0	2	12	0	0	0	0	0	0
3254	0	0	0	0	0	0	0	0	0	0
3255	0	0	0	0	0	0	0	0	0	0
3256	0	0	0	0	0	0	0	0	0	0
3257	0	0	0	0	0	0	0	0	0	0
3258	0	0	0	0	0	0	0	0	1	3
3264	0	0	0	0	0	0	0	0	0	0
3266	0	0	0	0	0	0	0	0	0	0
3267	0	0	0	0	0	0	0	0	0	0
3268	0	0	0	0	0	0	0	0	0	0
3269	1	20	0	0	0	0	0	0	1	125
3276	0	0	0	0	0	0	0	0	0	0
3277	0	0	0	0	0	0	0	0	0	0
3281	0	0	0	0	0	0	0	0	0	0
3283	0	0	0	0	0	0	1	100	0	0
3503	0	0	0	0	0	0	0	0	0	0
3505	0	0	0	0	0	0	0	0	0	0
3507	0	0	0	0	0	0	0	0	0	0
3509	0	0	0	0	0	0	0	0	0	0
3510	0	0	0	0	0	0	0	0	0	0
3511	0	0	0	0	0	0	0	0	0	0
3512	0	0	0	0	0	0	0	0	0	0
3515	0	0	0	0	0	0	0	0	0	0
3516	0	0	0	0	0	0	1	46	0	0
3518	1	12	2	18	0	0	0	0	0	0
3521	0	0	0	0	0	0	0	0	0	0
3523	0	0	0	0	0	0	0	0	0	0
3525	2	513	0	0	0	0	0	0	0	0
3528	0	0	0	0	0	0	0	0	0	0
3529	0	0	0	0	0	0	0	0	0	0
3531	0	0	1	5	0	0	1	91	0	0
3532	1	4	0	0	1	13	0	0	2	19
3533	0	0	1	38	0	0	0	0	0	0
3538	0	0	1	84	3	31	0	0	0	0
3541	0	0	0	0	0	0	0	0	0	0
3542	0	0	0	0	0	0	0	0	0	0
3544	0	0	5	57	0	0	0	0	0	0
3546	0	0	0	0	0	0	0	0	0	0
3547	0	0	0	0	0	0	0	0	0	0
3549	1	2	0	0	0	0	0	0	0	0
3551	0	0	0	0	0	0	0	0	0	0
3553	4	96	0	0	0	0	0	0	0	0
3559	28	687	0	0	0	0	0	0	0	0
3565	0	0	0	0	0	0	1	11	0	0
3566	0	0	0	0	0	0	0	0	0	0
3567	0	0	0	0	0	0	0	0	0	0
4000	1	121	0	0	0	0	1	6	0	0
5000	0	0	0	0	0	0	5	3	0	0
CUT MO.	40	1892	14	214	4	44	10	257	4	147
CUT YTD	709	11834	351	2734	10	94	345	2070	192	2186
1011	0	0	0	13	0	0	0	0	0	7
3568	1	23	0	0	0	0	0	0	0	0
3569	0	0	0	0	0	0	0	0	1	2
3571	0	0	2	529	0	0	0	0	0	0
3573	0	0	0	0	0	0	0	0	0	0
3575	3	42	0	0	0	0	0	0	0	0
3578	0	0	0	0	0	0	0	0	0	0
3582	0	0	0	0	0	0	0	0	0	0
3583	0	0	0	0	0	0	0	0	0	0
3584	0	0	0	0	0	0	0	0	0	0
3588	2	701	0	0	0	0	0	0	0	0
3589	0	0	0	0	0	0	0	0	0	0
3590	0	0	0	0	0	0	0	0	0	0
3594	0	0	0	0	0	0	0	0	0	0
3595	0	0	0	0	0	0	0	0	0	0
3598	4	32	5	75	0	0	1	9	0	0
FRM MO.	10	798	7	617	0	0	1	9	1	9
FRM YTD	125	7338	162	3842	1	50	90	5045	83	1169
TOT MO.	50	2690	21	831	4	44	11	266	5	156
TOT YTD	834	19172	513	6576	11	144	435	7115	275	3355

U.S. EXPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF DESTINATION BY TYPE OF MACHINE
NOVEMBER 1988

	SWITZERLAND		U. KINGDOM		USSR		W. GERMANY		YUGOSLAVIA	
674	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3020	0	0	0	0	0	0	0	0	0	0
3045	0	0	4	398	0	0	0	0	0	0
3204	0	0	1	30	0	0	0	0	0	0
3206	0	0	0	0	0	0	0	0	0	0
3209	0	0	0	0	0	0	1	316	0	0
3211	0	0	8	491	0	0	4	267	0	0
3216	0	0	1	105	0	0	0	0	0	0
3225	0	0	0	0	0	0	0	0	0	0
3245	0	0	0	0	0	0	0	0	0	0
3246	0	0	0	0	0	0	0	0	0	0
3247	0	0	0	0	0	0	0	0	0	0
3248	0	0	0	0	0	0	0	0	0	0
3249	0	0	0	0	0	0	0	0	0	0
3254	0	0	0	0	0	0	0	0	0	0
3255	0	0	0	0	0	0	0	0	0	0
3256	0	0	0	0	0	0	0	0	0	0
3257	0	0	0	0	0	0	0	0	0	0
3258	0	0	37	110	0	0	3	270	0	0
3264	0	0	0	0	0	0	0	0	0	0
3266	0	0	0	0	0	0	0	0	0	0
3267	0	0	0	0	0	0	0	0	0	0
3268	0	0	0	0	0	0	0	0	0	0
3269	0	0	4	100	0	0	0	0	0	0
3276	0	0	0	0	0	0	0	0	0	0
3277	0	0	9	162	0	0	1	15	0	0
3281	0	0	1	64	0	0	0	0	0	0
3283	0	0	0	0	0	0	0	0	0	0
3503	0	0	1	127	0	0	0	0	0	0
3505	0	0	2	120	0	0	0	0	0	0
3507	0	0	0	0	0	0	0	0	0	0
3509	0	0	0	0	0	0	0	0	0	0
3510	2	42	2	30	0	0	0	0	0	0
3511	0	0	0	0	0	0	0	0	0	0
3512	0	0	0	0	0	0	0	0	0	0
3515	0	0	0	0	0	0	0	0	0	0
3516	0	0	0	0	0	0	1	59	0	0
3518	3	13	1	25	0	0	2	48	0	0
3521	0	0	0	0	0	0	0	0	0	0
3523	0	0	0	0	0	0	0	0	0	0
3525	0	0	0	0	0	0	0	0	0	0
3528	0	0	3	108	0	0	9	836	0	0
3529	0	0	0	0	0	0	0	0	0	0
3531	0	0	2	77	0	0	1	42	0	0
3532	0	0	9	111	0	0	2	24	0	0
3533	0	0	0	0	0	0	0	0	0	0
3538	0	0	3	457	0	0	2	216	0	0
3541	0	0	0	0	0	0	0	0	0	0
3542	0	0	0	0	0	0	0	0	0	0
3544	0	0	0	0	0	0	0	0	0	0
3546	0	0	0	0	0	0	0	0	0	0
3547	0	0	0	0	0	0	0	0	0	0
3549	0	0	3	5	0	0	0	0	0	0
3551	0	0	0	0	0	0	0	0	0	0
3553	0	0	0	0	0	0	0	0	0	0
3559	1	16	0	0	0	0	1	122	0	0
3565	0	0	0	0	0	0	5	41	0	0
3566	0	0	1	695	0	0	0	0	0	0
3567	1	7	5	35	0	0	0	0	0	0
4000	0	0	21	358	0	0	36	234	0	0
5000	0	0	348	106	0	0	126	57	0	0
CUT MO.	7	78	466	3714	0	0	194	2547	0	0
CUT YTD	259	2347	2897	28562	71	1155	1511	16503	3	191
1011	0	14	0	20	0	0	0	25	0	3
3568	2	39	0	0	0	0	0	0	3	50
3569	0	0	8	3	0	0	0	0	0	0
3571	0	0	0	0	0	0	0	0	0	0
3573	0	0	0	0	0	0	0	0	0	0
3575	1	13	4	39	0	0	5	64	0	0
3578	2	81	0	0	0	0	0	0	0	0
3582	0	0	0	0	0	0	0	0	0	0
3583	0	0	0	0	0	0	0	0	0	0
3584	1	6	10	280	0	0	6	77	0	0
3588	0	0	0	0	0	0	1	131	0	0
3589	0	0	0	0	0	0	0	0	0	0
3590	0	0	1	197	1	64	1	500	0	0
3594	0	0	0	0	0	0	1	644	0	0
3595	0	0	0	0	0	0	0	0	0	0
3598	0	0	9	1807	0	0	1	6	0	0
FRM MO.	6	153	32	2346	1	64	15	1447	3	53
FRM YTD	54	1693	452	17492	3	116	1236	21461	8	888
TOT MO.	13	231	498	6060	1	64	209	3994	3	53
TOT YTD	313	4040	3349	46054	74	1271	2747	37964	11	1079

U.S. EXPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF DESTINATION BY TYPE OF MACHINE
NOVEMBER 1988

	OTH EUROPE		CANADA		MEXICO		OTH N & C		ARGENTINA	
674	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3020	0	0	0	0	0	0	0	0	0	0
3045	0	0	0	0	3	183	0	0	0	0
3204	0	0	1	169	0	0	0	0	0	0
3206	0	0	0	0	0	0	0	0	0	0
3209	0	0	0	0	0	0	0	0	0	0
3211	0	0	0	0	0	0	0	0	0	0
3216	0	0	0	0	2	1264	0	0	0	0
3225	0	0	0	0	0	0	0	0	0	0
3245	0	0	0	0	0	0	0	0	0	0
3246	0	0	0	0	0	0	0	0	0	0
3247	0	0	0	0	0	0	0	0	0	0
3248	0	0	0	0	0	0	0	0	0	0
3249	0	0	0	0	3	85	0	0	0	0
3254	0	0	0	0	0	0	0	0	0	0
3255	0	0	1	90	0	0	0	0	0	0
3256	0	0	0	0	0	0	0	0	0	0
3257	0	0	0	0	0	0	0	0	0	0
3258	0	0	1	7	4	43	0	0	0	0
3264	0	0	0	0	0	0	0	0	0	0
3266	0	0	0	0	0	0	0	0	0	0
3267	0	0	0	0	0	0	0	0	0	0
3268	0	0	0	0	0	0	0	0	0	0
3269	0	0	2	13	5	1150	0	0	0	0
3276	0	0	0	0	0	0	0	0	0	0
3277	0	0	0	0	2	121	0	0	0	0
3281	0	0	0	0	0	0	0	0	0	0
3283	0	0	1	60	2	95	0	0	0	0
3503	0	0	0	0	0	0	0	0	0	0
3505	0	0	1	60	1	121	0	0	0	0
3507	0	0	1	321	0	0	0	0	0	0
3509	0	0	0	0	0	0	0	0	0	0
3510	0	0	6	26	8	58	0	0	0	0
3511	0	0	0	0	0	0	0	0	0	0
3512	0	0	0	0	0	0	0	0	0	0
3515	0	0	1	4	0	0	0	0	0	0
3516	0	0	2	113	0	0	0	0	0	0
3518	0	0	1	5	12	450	0	0	1	4
3521	0	0	0	0	3	174	0	0	0	0
3523	0	0	0	0	0	0	0	0	0	0
3525	0	0	0	0	3	62	0	0	0	0
3528	0	0	0	0	2	45	0	0	0	0
3529	0	0	2	49	0	0	0	0	0	0
3531	0	0	14	111	6	55	0	0	0	0
3532	0	0	5	56	4	64	2	20	0	0
3533	0	0	0	0	2	90	0	0	0	0
3538	0	0	0	0	8	167	0	0	0	0
3541	0	0	0	0	0	0	0	0	0	0
3542	0	0	1	297	0	0	0	0	0	0
3544	0	0	2	9	0	0	0	0	0	0
3546	0	0	1	3	10	183	0	0	0	0
3547	0	0	1	5	0	0	0	0	0	0
3549	1	2	5	24	1	5	0	0	0	0
3551	0	0	0	0	1	67	0	0	0	0
3553	0	0	0	0	0	0	0	0	0	0
3559	0	0	0	0	0	0	0	0	0	0
3565	1	7	8	160	23	259	0	0	0	0
3566	0	0	0	0	0	0	0	0	0	0
3567	0	0	0	0	7	36	1	16	0	0
4000	2	19	59	280	395	809	0	0	0	0
5000	11	6	1158	358	628	409	76	10	0	0
CUT MO.	15	34	1274	2220	1135	5995	79	46	1	5
CUT YTD	473	9778	11816	55776	7536	79457	504	1409	133	1354
1011	0	10	0	315	0	233	0	10	0	0
3568	0	0	9	120	16	184	1	10	0	0
3569	0	0	111	53	19	29	3	3	0	0
3571	1	270	1	38	0	0	0	0	0	0
3573	0	0	3	46	18	311	0	0	0	0
3575	2	30	15	511	11	101	3	189	0	0
3578	1	110	1	21	0	0	0	0	0	0
3582	0	0	4	658	1	92	0	0	0	0
3583	0	0	1	141	0	0	0	0	0	0
3584	9	119	10	57	21	350	0	0	0	0
3588	0	0	1	204	12	193	0	0	0	0
3589	0	0	0	0	1	20	0	0	0	0
3590	0	0	2	13	23	429	0	0	0	0
3594	0	0	0	0	0	0	0	0	0	0
3595	0	0	1	6	1	397	0	0	0	0
3598	0	0	12	210	31	820	0	0	0	0
FRM MO.	13	539	171	2393	154	3159	7	212	0	0
FRM YTD	124	2913	3209	43270	2294	32534	152	1508	51	2340
TOT MO.	28	573	1445	4613	1289	9154	86	258	1	5
TOT YTD	597	12691	15025	99046	9830	111991	656	2917	184	3694

U S EXPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF DESTINATION BY TYPE OF MACHINE
NOVEMBER 1988

	BRAZIL		COLOMBIA		VENEZUELA		OTH S AM		CHINA	
674	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3020	0	0	0	0	0	0	0	0	0	0
3045	3	2245	0	0	0	0	0	0	4	348
3204	0	0	0	0	0	0	0	0	0	0
3206	0	0	0	0	0	0	0	0	1	390
3209	0	0	0	0	0	0	0	0	0	0
3211	0	0	0	0	0	0	0	0	0	0
3216	0	0	0	0	0	0	0	0	0	0
3225	0	0	0	0	0	0	0	0	0	0
3245	0	0	0	0	0	0	0	0	1	350
3246	0	0	0	0	0	0	0	0	0	0
3247	0	0	0	0	0	0	0	0	0	0
3248	0	0	0	0	0	0	0	0	0	0
3249	0	0	0	0	0	0	0	0	0	0
3254	0	0	0	0	0	0	0	0	0	0
3255	0	0	0	0	0	0	0	0	0	0
3256	0	0	1	42	0	0	0	0	0	0
3257	0	0	0	0	0	0	0	0	0	0
3258	0	0	0	0	4	99	0	0	0	0
3264	0	0	0	0	0	0	0	0	0	0
3266	0	0	0	0	0	0	0	0	0	0
3267	0	0	0	0	0	0	0	0	0	0
3268	0	0	0	0	0	0	0	0	0	0
3269	0	0	0	0	0	0	0	0	0	0
3276	0	0	0	0	0	0	0	0	0	0
3277	0	0	0	0	0	0	0	0	0	0
3281	0	0	0	0	0	0	0	0	0	0
3283	0	0	0	0	0	0	0	0	0	0
3503	0	0	0	0	0	0	0	0	0	0
3505	3	430	0	0	0	0	0	0	0	0
3507	0	0	0	0	0	0	0	0	0	0
3509	0	0	0	0	0	0	0	0	0	0
3510	0	0	0	0	0	0	0	0	0	0
3511	0	0	0	0	0	0	0	0	0	0
3512	0	0	0	0	0	0	0	0	0	0
3515	0	0	1	12	0	0	0	0	0	0
3516	0	0	0	0	0	0	0	0	0	0
3518	1	147	0	0	0	0	0	0	0	0
3521	0	0	0	0	0	0	0	0	0	0
3523	0	0	0	0	0	0	0	0	0	0
3525	0	0	0	0	0	0	0	0	0	0
3528	0	0	0	0	0	0	0	0	0	0
3529	0	0	0	0	0	0	0	0	0	0
3531	1	333	0	0	0	0	0	0	0	0
3532	0	0	0	0	0	0	0	0	0	0
3533	0	0	0	0	0	0	0	0	0	0
3538	0	0	0	0	2	15	0	0	0	0
3541	0	0	0	0	0	0	0	0	0	0
3542	0	0	0	0	0	0	0	0	0	0
3544	0	0	0	0	0	0	0	0	0	0
3546	2	96	0	0	0	0	0	0	2	768
3547	1	8	0	0	0	0	0	0	0	0
3549	0	0	0	0	0	0	0	0	0	0
3551	0	0	0	0	0	0	0	0	0	0
3553	0	0	0	0	0	0	1	22	0	0
3559	0	0	0	0	0	0	0	0	0	0
3565	2	10	0	0	0	0	0	0	4	1870
3566	0	0	0	0	0	0	0	0	0	0
3567	0	0	1	15	0	0	0	0	0	0
4000	5	379	23	308	20	1745	1	44	15	1081
5000	17	20	5	9	158	122	34	54	0	0
CUT MO	35	3668	31	386	184	1981	36	120	27	4807
CUT YTD	236	9195	251	2080	3116	14117	352	2213	422	24237
1011	0	0	0	0	0	0	0	0	0	0
3568	5	60	9	181	0	0	1	20	0	0
3569	0	0	0	0	0	0	0	0	0	0
3571	0	0	0	0	0	0	0	0	0	0
3573	0	0	0	0	0	0	0	0	0	0
3575	2	8	0	0	0	0	1	7	0	0
3578	0	0	0	0	0	0	0	0	0	0
3582	0	0	0	0	1	25	0	0	0	0
3583	0	0	1	153	0	0	0	0	0	0
3584	1	7	1	8	0	0	0	0	2	10
3588	0	0	0	0	0	0	0	0	0	0
3589	0	0	0	0	0	0	0	0	0	0
3590	0	0	0	0	4	21	0	0	0	0
3594	0	0	0	0	0	0	0	0	0	0
3595	0	0	0	0	0	0	0	0	0	0
3598	1	11	0	0	13	466	0	0	2	39
FRM MO	9	86	11	342	18	512	2	27	4	49
FRM YTD	85	9525	118	1939	248	8648	55	1393	134	7478
TOT MO	44	3754	42	728	202	2493	38	147	31	4856
TOT YTD	321	18720	369	4819	3364	22765	407	3606	556	31715

U.S. EXPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF DESTINATION BY TYPE OF MACHINE
NOVEMBER 1988

	HONG KONG		INDIA		INDONESIA		ISRAEL		JAPAN	
674	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3020	0	0	0	0	0	0	0	0	0	0
3045	0	0	1	334	0	0	0	0	0	0
3204	0	0	0	0	0	0	0	0	0	0
3206	0	0	0	0	0	0	0	0	0	0
3209	0	0	0	0	0	0	0	0	10	1193
3211	0	0	0	0	0	0	0	0	4	280
3216	0	0	0	0	0	0	0	0	0	0
3225	0	0	0	0	0	0	0	0	0	0
3245	0	0	0	0	0	0	0	0	0	0
3246	0	0	0	0	0	0	0	0	0	0
3247	0	0	0	0	0	0	0	0	0	0
3248	0	0	0	0	0	0	0	0	0	0
3249	0	0	0	0	0	0	0	0	0	0
3254	0	0	0	0	0	0	0	0	0	0
3255	0	0	0	0	0	0	0	0	0	0
3256	0	0	0	0	0	0	0	0	0	0
3257	0	0	0	0	0	0	0	0	0	0
3258	0	0	0	0	0	0	0	0	9	138
3264	0	0	0	0	0	0	0	0	0	0
3266	0	0	0	0	0	0	0	0	0	0
3267	0	0	0	0	0	0	0	0	0	0
3268	0	0	0	0	0	0	0	0	0	0
3269	0	0	0	0	0	0	0	0	0	0
3276	0	0	0	0	0	0	0	0	0	0
3277	1	16	0	0	0	0	1	12	0	0
3281	0	0	0	0	0	0	0	0	0	0
3283	0	0	0	0	0	0	0	0	0	0
3503	0	0	0	0	0	0	0	0	0	0
3505	0	0	0	0	0	0	0	0	0	0
3507	0	0	0	0	0	0	0	0	0	0
3509	0	0	0	0	0	0	0	0	0	0
3510	0	0	0	0	0	0	0	0	0	0
3511	0	0	0	0	0	0	0	0	0	0
3512	0	0	0	0	0	0	0	0	0	0
3515	0	0	0	0	0	0	0	0	0	0
3516	0	0	0	0	0	0	0	0	0	0
3518	2	19	0	0	0	0	0	0	9	468
3521	0	0	0	0	0	0	0	0	0	0
3523	0	0	0	0	0	0	0	0	0	0
3525	0	0	6	258	0	0	0	0	1	160
3528	0	0	0	0	0	0	0	0	26	881
3529	0	0	0	0	0	0	0	0	0	0
3531	0	0	0	0	0	0	0	0	3	21
3532	0	0	0	0	0	0	0	0	0	0
3533	0	0	0	0	0	0	0	0	0	0
3538	1	290	0	0	0	0	0	0	2	165
3541	0	0	0	0	0	0	0	0	0	0
3542	0	0	0	0	0	0	0	0	0	0
3544	2	22	0	0	0	0	0	0	0	0
3546	1	4	0	0	0	0	0	0	0	0
3547	0	0	0	0	0	0	0	0	0	0
3549	0	0	0	0	1	8	0	0	0	0
3551	0	0	0	0	0	0	0	0	0	0
3553	0	0	0	0	0	0	0	0	0	0
3559	0	0	0	0	0	0	0	0	0	0
3565	0	0	35	625	1	43	0	0	2	22
3566	0	0	0	0	0	0	0	0	0	0
3567	0	0	0	0	0	0	0	0	0	0
4000	1	2	0	0	0	0	0	0	6	58
5000	3	6	0	0	4	6	27	16	442	232
CUT MO	11	359	42	1217	6	57	28	28	514	3618
CUT YTD	281	2450	257	7274	118	394	196	3670	2021	25237
1011	0	10	0	12	0	0	0	0	0	31
3568	0	0	0	0	0	0	0	0	3	56
3569	1	2	0	0	0	0	9	8	0	0
3571	0	0	0	0	0	0	0	0	0	0
3573	0	0	0	0	0	0	0	0	0	0
3575	5	200	0	0	0	0	2	170	13	336
3578	0	0	0	0	0	0	0	0	1	54
3582	0	0	0	0	1	20	0	0	0	0
3583	0	0	0	0	0	0	0	0	0	0
3584	1	7	0	0	0	0	0	0	3	68
3588	2	28	0	0	0	0	0	0	2	169
3589	0	0	0	0	0	0	0	0	0	0
3590	0	0	0	0	0	0	0	0	9	103
3594	0	0	0	0	0	0	0	0	0	0
3595	0	0	0	0	0	0	0	0	0	0
3598	0	0	1	23	0	0	0	0	1	20
FRM MO	9	247	1	35	1	20	11	178	32	837
FRM YTD	172	4070	63	2108	10	511	38	2333	567	31105
TOT MO	20	606	43	1252	7	77	39	206	546	4455
TOT YTD	453	6520	320	9382	128	905	234	6003	2588	56342

U.S. EXPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF DESTINATION BY TYPE OF MACHINE
NOVEMBER 1988

674	KOREAN REP		PAKISTAN		S ARABIA		SINGAPORE		TAIWAN	
	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3020	0	0	0	0	0	0	0	0	0	0
3045	0	0	0	0	0	0	0	0	0	0
3204	0	0	0	0	0	0	1	118	0	0
3206	0	0	0	0	0	0	0	0	0	0
3209	1	680	0	0	0	0	0	0	0	0
3211	1	38	0	0	0	0	0	0	2	126
3216	0	0	0	0	0	0	0	0	0	0
3225	0	0	0	0	0	0	0	0	0	0
3245	0	0	0	0	0	0	0	0	0	0
3246	0	0	0	0	0	0	0	0	0	0
3247	0	0	0	0	0	0	0	0	0	0
3248	2	321	0	0	0	0	0	0	0	0
3249	0	0	0	0	0	0	0	0	0	0
3254	0	0	0	0	0	0	0	0	0	0
3255	0	0	0	0	0	0	0	0	0	0
3256	0	0	0	0	0	0	0	0	0	0
3257	0	0	0	0	0	0	0	0	0	0
3258	0	0	0	0	0	0	0	0	0	0
3264	1	2830	0	0	0	0	0	0	0	0
3266	0	0	0	0	0	0	0	0	0	0
3267	0	0	0	0	0	0	0	0	0	0
3268	0	0	0	0	0	0	0	0	0	0
3269	0	0	0	0	0	0	0	0	1	14
3276	0	0	0	0	0	0	0	0	0	0
3277	0	0	0	0	0	0	0	0	0	0
3281	0	0	0	0	0	0	0	0	0	0
3283	3	168	0	0	0	0	0	0	0	0
3503	2	451	0	0	0	0	0	0	0	0
3505	0	0	0	0	0	0	0	0	0	0
3507	0	0	0	0	0	0	0	0	0	0
3509	0	0	0	0	0	0	0	0	0	0
3510	0	0	0	0	0	0	0	0	1	26
3511	0	0	0	0	0	0	0	0	0	0
3512	0	0	0	0	0	0	0	0	0	0
3515	0	0	0	0	0	0	0	0	0	0
3516	0	0	0	0	0	0	0	0	0	0
3518	10	768	0	0	1	6	1	3	0	0
3521	0	0	0	0	0	0	0	0	0	0
3523	0	0	0	0	0	0	0	0	0	0
3525	4	102	0	0	0	0	0	0	0	0
3528	0	0	0	0	0	0	0	0	0	0
3529	0	0	0	0	0	0	0	0	0	0
3531	1	7	0	0	0	0	0	0	2	86
3532	3	43	0	0	0	0	0	0	2	27
3533	0	0	0	0	0	0	0	0	4	47
3538	2	292	0	0	0	0	3	310	2	500
3541	0	0	0	0	0	0	0	0	0	0
3542	0	0	0	0	0	0	0	0	0	0
3544	0	0	0	0	0	0	0	0	0	0
3546	0	0	0	0	0	0	0	0	0	0
3547	0	0	0	0	0	0	0	0	0	0
3549	0	0	0	0	0	0	0	0	0	0
3551	0	0	0	0	0	0	0	0	0	0
3553	1	21	0	0	0	0	1	11	1	29
3559	0	0	0	0	0	0	1	20	0	0
3565	2	37	0	0	0	0	1	10	0	0
3566	0	0	0	0	0	0	0	0	0	0
3567	0	0	0	0	0	0	1	4	0	0
4000	4	125	0	0	0	0	8	56	0	0
5000	7	10	0	0	12	20	50	53	12	13
CUT MO	44	5893	0	0	13	26	67	585	27	868
CUT YTD	897	38671	82	1381	258	807	1173	6134	792	11227
1011	0	0	0	0	0	0	0	0	0	0
3568	3	342	0	0	0	0	0	0	0	0
3569	0	0	0	0	0	0	3	4	1	2
3571	0	0	0	0	0	0	0	0	0	0
3573	0	0	0	0	0	0	0	0	0	0
3575	1	29	0	0	0	0	0	0	1	31
3578	0	0	0	0	0	0	0	0	0	0
3582	0	0	0	0	0	0	0	0	0	0
3583	0	0	0	0	0	0	0	0	0	0
3584	0	0	0	0	2	99	1	5	1	250
3588	2	1367	0	0	0	0	0	0	9	1206
3589	3	1080	0	0	0	0	0	0	0	0
3590	1	270	0	0	0	0	0	0	0	0
3594	1	411	0	0	0	0	0	0	0	0
3595	2	37	0	0	0	0	0	0	0	0
3598	2	390	0	0	1	338	6	694	0	0
FRM MO	15	3926	0	0	3	437	10	703	12	1489
FRM YTD	329	23274	8	324	38	1579	155	2408	113	10585
TOT MO	59	9819	0	0	16	463	77	1288	39	2357
TOT YTD	1226	61945	90	1705	296	2186	1328	8542	905	21812

U.S. EXPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF DESTINATION BY TYPE OF MACHINE
NOVEMBER 1988

	TURKEY		OTHER ASIA		AUSTRALIA		NEW ZEALAND		OTH OCEANIA	
674	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3020	0	0	0	0	0	0	0	0	0	0
3045	0	0	0	0	0	0	0	0	0	0
3204	0	0	0	0	0	0	0	0	0	0
3206	0	0	0	0	0	0	0	0	0	0
3209	0	0	0	0	0	0	0	0	0	0
3211	0	0	0	0	0	0	0	0	0	0
3216	0	0	0	0	0	0	0	0	0	0
3225	0	0	0	0	0	0	0	0	0	0
3245	0	0	0	0	0	0	0	0	0	0
3246	0	0	0	0	0	0	0	0	0	0
3247	0	0	0	0	0	0	0	0	0	0
3248	0	0	0	0	0	0	0	0	0	0
3249	0	0	0	0	0	0	0	0	0	0
3254	0	0	0	0	0	0	0	0	0	0
3255	0	0	0	0	0	0	0	0	0	0
3256	0	0	0	0	0	0	0	0	0	0
3257	0	0	0	0	0	0	0	0	0	0
3258	0	0	0	0	1	15	0	0	0	0
3264	0	0	0	0	0	0	0	0	0	0
3266	0	0	0	0	0	0	0	0	0	0
3267	0	0	0	0	0	0	0	0	0	0
3268	0	0	0	0	0	0	0	0	0	0
3269	0	0	0	0	0	0	0	0	0	0
3276	0	0	0	0	0	0	0	0	0	0
3277	0	0	0	0	0	0	0	0	0	0
3281	0	0	0	0	0	0	0	0	0	0
3283	0	0	0	0	0	0	0	0	0	0
3503	0	0	0	0	0	0	0	0	0	0
3505	0	0	0	0	0	0	0	0	0	0
3507	0	0	0	0	0	0	0	0	0	0
3509	0	0	0	0	0	0	0	0	0	0
3510	0	0	0	0	0	0	0	0	0	0
3511	0	0	0	0	0	0	0	0	0	0
3512	0	0	0	0	0	0	0	0	0	0
3515	0	0	0	0	0	0	0	0	0	0
3516	0	0	0	0	0	0	0	0	0	0
3518	0	0	8	90	0	0	0	0	0	0
3521	0	0	0	0	0	0	0	0	0	0
3523	0	0	0	0	0	0	0	0	0	0
3525	0	0	0	0	0	0	0	0	0	0
3528	1	114	0	0	0	0	0	0	0	0
3529	0	0	0	0	0	0	0	0	0	0
3531	0	0	0	0	0	0	0	0	0	0
3532	1	6	0	0	1	5	0	0	0	0
3533	1	164	0	0	0	0	0	0	0	0
3538	0	0	0	0	1	110	0	0	0	0
3541	0	0	0	0	0	0	0	0	0	0
3542	0	0	0	0	0	0	0	0	0	0
3544	0	0	0	0	0	0	0	0	0	0
3546	0	0	0	0	0	0	0	0	0	0
3547	0	0	0	0	0	0	0	0	0	0
3549	0	0	0	0	0	0	0	0	0	0
3551	0	0	0	0	0	0	0	0	0	0
3553	0	0	0	0	0	0	0	0	0	0
3559	0	0	0	0	0	0	0	0	0	0
3565	0	0	0	0	0	0	0	0	0	0
3566	0	0	0	0	0	0	0	0	0	0
3567	0	0	3	15	2	72	3	15	0	0
4000	0	0	1	10	5	42	0	0	0	0
5000	0	0	33	19	64	46	19	7	0	0
CUT MO.	3	284	45	134	74	290	22	22	0	0
CUT YTD	54	3545	686	2683	492	3170	126	310	3	6
1011	0	0	0	257	0	14	0	0	0	0
3568	0	0	0	0	0	0	0	0	0	0
3569	0	0	0	0	23	39	0	0	0	0
3571	0	0	4	233	1	323	0	0	0	0
3573	0	0	0	0	0	0	0	0	0	0
3575	0	0	16	50	31	491	0	0	0	0
3578	0	0	0	0	0	0	0	0	0	0
3582	0	0	1	10	0	0	0	0	0	0
3583	0	0	0	0	0	0	0	0	0	0
3584	0	0	1	23	1	30	0	0	0	0
3588	0	0	0	0	0	0	0	0	0	0
3589	0	0	0	0	0	0	0	0	0	0
3590	0	0	1	31	0	0	1	7	0	0
3594	0	0	1	575	0	0	0	0	0	0
3595	0	0	0	0	0	0	0	0	0	0
3598	0	0	8	392	0	0	0	0	0	0
FRM MO.	0	0	32	1571	56	897	1	7	0	0
FRM YTD	22	2174	331	10964	302	8013	19	1902	0	3
TOT MO.	3	284	77	1705	130	1187	23	29	0	0
TOT YTD	76	5719	1017	13647	794	11383	145	2212	3	9

U.S. EXPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF DESTINATION BY TYPE OF MACHINE
NOVEMBER 1988

674	EGYPT UNITS	EGYPT $000	REP. S. AFR UNITS	REP. S. AFR $000	OTH. AFRICA UNITS	OTH. AFRICA $000
3020	0	0	0	0	0	0
3045	0	0	0	0	0	0
3204	0	0	0	0	0	0
3206	0	0	0	0	0	0
3209	0	0	0	0	0	0
3211	0	0	0	0	0	0
3216	0	0	0	0	0	0
3225	0	0	0	0	0	0
3245	0	0	0	0	0	0
3246	0	0	0	0	0	0
3247	0	0	0	0	0	0
3248	0	0	0	0	0	0
3249	0	0	0	0	0	0
3254	0	0	0	0	0	0
3255	0	0	0	0	0	0
3256	0	0	0	0	0	0
3257	0	0	0	0	0	0
3258	0	0	0	0	0	0
3264	0	0	0	0	0	0
3266	0	0	0	0	0	0
3267	0	0	0	0	0	0
3268	0	0	0	0	0	0
3269	0	0	0	0	0	0
3276	0	0	0	0	0	0
3277	0	0	0	0	0	0
3281	0	0	0	0	0	0
3283	0	0	0	0	0	0
3503	0	0	0	0	0	0
3505	0	0	0	0	0	0
3507	0	0	0	0	0	0
3509	0	0	0	0	0	0
3510	0	0	0	0	0	0
3511	0	0	0	0	0	0
3512	0	0	0	0	0	0
3515	0	0	0	0	0	0
3516	0	0	0	0	0	0
3518	0	0	0	0	0	0
3521	0	0	0	0	0	0
3523	0	0	0	0	0	0
3525	0	0	2	54	0	0
3528	0	0	0	0	0	0
3529	0	0	0	0	0	0
3531	0	0	0	0	0	0
3532	2	37	3	13	0	0
3533	0	0	0	0	0	0
3538	0	0	0	0	0	0
3541	0	0	0	0	0	0
3542	0	0	0	0	0	0
3544	0	0	0	0	0	0
3546	0	0	0	0	0	0
3547	0	0	0	0	0	0
3549	0	0	0	0	0	0
3551	0	0	0	0	0	0
3553	0	0	0	0	0	0
3559	0	0	0	0	0	0
3565	0	0	0	0	0	0
3566	0	0	0	0	0	0
3567	0	0	0	0	0	0
4000	0	0	0	0	0	0
5000	0	0	48	40	0	0
CUT MO.	2	37	53	107	0	0
CUT YTD	41	289	503	2195	24	404
1011	0	0	0	0	0	176
3568	0	0	0	0	0	0
3569	0	0	0	0	0	0
3571	0	0	0	0	0	0
3573	0	0	0	0	0	0
3575	1	18	1	7	0	0
3578	0	0	0	0	0	0
3582	0	0	0	0	0	0
3583	0	0	0	0	0	0
3584	0	0	0	0	0	0
3588	0	0	0	0	0	0
3589	0	0	0	0	0	0
3590	0	0	0	0	0	0
3594	0	0	0	0	0	0
3595	0	0	0	0	0	0
3598	0	0	0	0	0	0
FRM MO.	1	18	1	7	0	176
FRM YTD	4	162	27	267	20	1950
TOT MO.	3	55	54	114	0	176
TOT YTD	45	451	530	2462	44	2354

U.S. EXPORTS OF MACHINE TOOLS TOTAL AND COUNTRIES OF DESTINATION
THE FOLLOWING IS A BREAKDOWN OF THE ACTIVITY BY COUNTRY WHICH IS INCLUDED IN THE ALL OTHER COLUMNS
NOVEMBER 1988

	METAL CUTTING		METAL FORMING		TOTAL	
	UNITS	$000	UNITS	$000	UNITS	$000
OTHER EUROPE						
AZORES	0	0	0	0	0	0
BULGARIA	0	0	0	0	0	0
CYPRUS	0	0	0	6	0	6
CZECHOSLOVAKIA	0	0	1	110	1	110
EAST GERMANY	0	0	0	0	0	0
FINLAND	2	19	4	51	6	70
GIBRALTAR	0	0	0	0	0	0
GREECE	0	0	1	16	1	16
HUNGARY	0	0	1	270	1	270
ICELAND	1	7	0	0	1	7
MALTA	0	0	0	0	0	0
NORWAY	11	6	6	86	17	92
PORTUGAL	1	2	0	0	1	2
ROMANIA	0	0	0	0	0	0
OTHER EUROPE	0	0	0	0	0	0
TOTAL	15	34	13	539	28	573
OTHER NORTH AND CENTRAL AMERICA						
BAHAMAS	0	0	0	0	0	0
BARBADOS	0	0	0	0	0	0
BELIZE	0	0	0	0	0	0
BERMUDA	0	0	0	0	0	0
CAYMAN ISLANDS	0	0	0	0	0	0
COSTA RICA	8	23	0	6	8	29
DOMINICAN REP	60	4	0	0	60	4
FR. W. INDIES	0	0	0	0	0	0
GUATEMALA	0	0	0	0	0	0
HAITI	0	0	0	0	0	0
HONDURAS	0	0	0	0	0	0
JAMAICA	10	3	1	14	11	17
LW & WW IS.	0	0	0	0	0	0
NICARAGUA	0	0	0	0	0	0
N. ANTILLES	0	0	0	0	0	0
PANAMA	0	0	0	0	0	0
SALVADOR	0	0	0	0	0	0
TRINIDAD	0	0	3	189	3	189
TURK ISLAND	0	0	0	0	0	0
OTHER N & C AM.	1	16	3	3	4	19
TOTAL	79	46	7	212	86	258
OTHER SOUTH AMERICA						
BOLIVIA	4	3	0	0	4	3
CHILE	8	38	1	20	9	58
ECUADOR	24	79	0	0	24	79
FRENCH GUIANA	0	0	0	0	0	0
GUYANA	0	0	0	0	0	0
PARAGUAY	0	0	0	0	0	0
PERU	0	0	1	7	1	7
SURINAM	0	0	0	0	0	0
URAGUAY	0	0	0	0	0	0
OTHER S. AM.	0	0	0	0	0	0
TOTAL	36	120	2	27	38	147
OTHER OCEANIA						
FR. PAC. IS.	0	0	0	0	0	0
NEW GUINEA	0	0	0	0	0	0
SAMOA	0	0	0	0	0	0
TERR. PAC. IS.	0	0	0	0	0	0
OTH. PAC. IS.	0	0	0	0	0	0
OTHER OCEANIA	0	0	0	0	0	0
TOTAL	0	0	0	0	0	0

U.S. EXPORTS OF MACHINE TOOLS TOTAL AND COUNTRIES OF DESTINATION
THE FOLLOWING IS A BREAKDOWN OF THE ACTIVITY BY COUNTRY WHICH IS INCLUDED IN THE ALL OTHER COLUMN
NOVEMBER 1988

	METAL CUTTING		METAL FORMING		TOTAL	
	UNITS	$000	UNITS	$000	UNITS	$000
OTHER ASIA						
ADEN	0	0	0	0	0	0
AFGHANISTAN	0	0	0	0	0	0
ARAB EMIRATES	11	5	0	0	11	5
BAHRAIN	0	0	0	0	0	0
BANGALDESH	0	0	0	0	0	0
BRUNEI	0	0	0	0	0	0
BURMA	0	0	0	0	0	0
GAZA STRIP	0	0	0	0	0	0
IRAN	0	0	0	0	0	0
IRAQ	15	10	0	0	15	10
JORDAN	0	0	0	156	0	156
KUWAIT	0	0	0	0	0	0
LEBANON	0	0	0	0	0	0
MALAYSIA	7	82	21	201	28	283
NEPAL	0	0	0	0	0	0
OMAN	0	0	0	0	0	0
PHILIPPINES	10	19	7	377	17	396
QATAR	0	0	0	0	0	0
SRI LANKA	0	0	0	0	0	0
SYRIA	0	0	0	0	0	0
THAILAND	2	18	4	837	6	855
YEMEN	0	0	0	0	0	0
OTHER ASIA	0	0	0	0	0	0
TOTAL	45	134	32	1571	77	1705
OTHER AFRICA						
AFARS & ISSAS	0	0	0	0	0	0
ALGERIA	0	0	0	0	0	0
ANGOLA	0	0	0	0	0	0
BENIN	0	0	0	0	0	0
BOTSWANA	0	0	0	0	0	0
CAMEROON	0	0	0	0	0	0
CANARY ISLANDS	0	0	0	0	0	0
DAHOMENY	0	0	0	0	0	0
ETHIOPIA	0	0	0	0	0	0
GABON	0	0	0	0	0	0
GHANA	0	0	0	0	0	0
GUINEA	0	0	0	0	0	0
IVORY COAST	0	0	0	0	0	0
KENYA	0	0	0	0	0	0
LESOTHO	0	0	0	0	0	0
LIBERIA	0	0	0	0	0	0
LIBYA	0	0	0	0	0	0
MALAGASY REP.	0	0	0	0	0	0
MALAWI	0	0	0	0	0	0
MAURITANIA	0	0	0	0	0	0
MAURITIUS	0	0	0	0	0	0
MOROCCO	0	0	0	0	0	0
MOZAMBIQUE	0	0	0	0	0	0
NIGER	0	0	0	0	0	0
NIGERIA	0	0	0	0	0	0
RWANDA	0	0	0	0	0	0
SENEGAL	0	0	0	0	0	0
SIERRA LEONE	0	0	0	0	0	0
SOMALIA	0	0	0	0	0	0
S. W. AFRICA	0	0	0	0	0	0
SUDAN	0	0	0	0	0	0
SWAZILAND	0	0	0	0	0	0
TANZANIA	0	0	0	0	0	0
TOGO	0	0	0	0	0	0
TUNISIA	0	0	0	176	0	176
UGANDA	0	0	0	0	0	0
ZAIRE	0	0	0	0	0	0
ZAMBIA	0	0	0	0	0	0
ZIMBABWE	0	0	0	0	0	0
OTH. WEST AFR.	0	0	0	0	0	0
OTHER AFRICA	0	0	0	0	0	0
TOTAL	0	0	0	176	0	176

SOURCE: U.S. DEPARTMENT OF COMMERCE CENSUS REPORT NO. EM522; NATIONAL MACHINE TOOL BUILDERS' ASSOCIATION

NOTES: 1)'0-' = DOLLAR AMOUNT LESS THAN $500. 2)N.E.C. - NOT ELSEWHERE CLASSIFIED. 3)INDIVIDUAL ITEMS MAY NOT ADD TO TOTALS DUE TO ROUNDING.

U.S. IMPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF ORIGIN BY TYPE OF MACHINE
NOVEMBER 1988

RELEASED MARCH 10, 1989

		TOTAL YTD		TOTAL MO	
674	METAL CUTTING	UNITS	$000	UNITS	$000
3025	Gear Hobbers	67	9446	4	401
3035	Gear Shapers	12	3006	0	0
3045	Gear Cutting Machines, N.E.C.	40	2702	4	1304
3404	Vertical Mach. Ctrs. ATC, NC, Y-Axis Travel 26" or Less	1620	126793	183	14476
3406	Vertical Mach. Ctrs. ATC, NC, Y-Axis Travel Over 26"	93	10438	8	1219
3409	Horizontal Machining Centers, ATC, NC	612	99305	23	5419
3411	Machining Centers, NC, N.E.C.	292	54537	32	6057
3412	Single Station and Multi-Station Transfer Machines	178	63583	5	2479
3413	Way Type Machines, (Unit Heads)	0	0	0	0
3417	Horiz. Boring-Drilling-Milling Machines, Table Type, NC	9	1445	4	296
3418	Horiz. Boring-Drilling-Milling Machines, NC, N.E.C.	41	8327	2	1193
3419	Vertical Boring-Drilling-Milling Machines, NC	116	11554	10	765
3422	Horiz. Boring-Drilling-Milling Machines, Non-NC	14	1658	3	99
3423	Vertical Boring-Drilling-Milling Machines, Non-NC	160	5169	1	10
3328	Drilling Machines, NC	230	9406	9	413
3329	Drilling Machines, Multi-Spindle, Non-NC	69	1054	0	0
3334	Drilling Machines, Radial, Non-NC	161	1063	32	236
3336	Drilling Machines, Upright, Single Spindle, Non-NC	148	1432	27	179
3342	Drilling Machines, Non-NC, N.E.C.	487	14526	19	492
3464	Milling Machines, NC	378	29496	49	2635
3466	Milling Machines, Profiling, Dupl. & Die Sinking, Non-NC	29	1262	1	31
3467	Milling Machines, Knee Type, Non-NC	2854	16944	340	1921
3468	Milling Machines, Bed Type, Non-NC	310	10902	6	417
3469	Milling Machines, Non-NC, N.E.C.	2101	34768	70	2270
3476	Vertical Boring Machines, Incl. VTL's, NC	9	1972	1	381
3477	Vertical Boring Machines, Incl. VTL's, Non-NC	41	1538	7	276
3481	Boring Machines, NC, N.E.C.	11	3527	1	177
3483	Boring Machines, Non-NC N.E.C.	336	8618	27	1234
3504	Horizontal Lathes, Multi-Spindle, NC	149	17579	18	2381
3506	Horizontal Lathes, Single Spindle, Less than 25 HP, NC	3158	194758	260	18324
3508	Horizontal Lathes, Single Spindle, 25-50 HP, NC	436	54682	46	6239
3510	Horizontal Lathes, Single Spindle, Over 50 HP, NC	52	3717	1	17
3512	Horizontal Engine & Toolroom Lathes, Non-NC	3004	26943	316	2540
3513	Automatic Chucking Lathes, Single Spindle, Non-NC	33	799	0	0
3514	Automatic Chucking Lathes, Multi-Spindle, Non-NC	15	1232	2	19
3515	Automatic Bar Machines, Single Spindle, Non-NC	117	3384	0	0
3516	Automatic Bar Machines, Multi-Spindle, Non-NC	43	1888	2	45
3518	Horizontal Lathes, Non-NC, N.E.C.	215	4694	7	575
3505	Vertical Lathes, Multi-Spindle, NC	64	8960	6	813
3519	Vertical Lathes, NSPF, NC	148	13642	17	1549
3522	Vertical Lathes, Excl. VTL's, Non-NC	981	20521	71	1617
3527	Gear Tooth Grinding & Finishing Machines	489	23271	31	1006
3528	Tool & Cutter Grinding Machines, NC	106	7240	20	952
3529	Tool & Cutter Grinding Machines, Non-NC	1007	29352	63	1490
3533	Honing & Lapping Machines	305	15171	32	591
3539	Grinding Machines, Flat Surface, NC	56	6933	7	1297
3541	Grinding Machines, Flat Surface, Reciprocating Table, Non-NC	685	10652	47	595
3543	Grinding Machines, Flat Surface, Non-NC, N.E.C.	1911	22130	99	1815
3546	Grinding & Polishing Machines, NC, N.E.C.	165	23041	5	880
3554	External Grinding Machines, Non-NC	296	11280	11	484
3556	Internal Grinding Machines, Non-NC	46	4258	4	86
3558	Grinding, Polishing & Buffing Machines, Non-NC, N.E.C.	161	5868	17	387
3559	Grinding Machines, Non-NC, N.E.C.	1271	38761	146	4863
3562	Traveling Wire Electrical Discharge Machines	777	58852	80	6503
3564	All Other Electrical Discharge Machines	327	14057	41	1237
3567	Spark Erosion, Ultrasonic & Electrolytic Machines, NC	102	13147	12	1236
3571	Spark Erosion, Ultrasonic & Electrolytic Machines, Non-NC	691	11075	27	1912
3576	Metal Cutting Machines Tools, NC, N.E.C.	247	16755	25	1568
3577	Sawing & Cut-Off Machines, Non-NC	1725	23170	208	2889
3578	Broaching Machines, Non-NC	116	2186	1	4
3579	Metal Cutting Machine Tools, Non-NC, N.E.C.	1457	39132	119	2901
4000	Metal Cutting Machine Tools, Used or Rebuilt*	1843	19914	338	2585
5000	Metal Cutting Machine Tools, Less Than $2500**	952418	96284	105243	9852
	TOTAL CUTTING			108190	123627
	TOTAL CUTTING YTD	985034	1378784		
674:	METAL FORMING				
1010	Die Casting Machines	403	38374	25	2301
3582	Metal Forming Machine Tools, Used or Rebuilt	488	4954	35	466
3583	Metal Forming Machine Tools, Less Than $2500	27894	10079	2543	816
3584	Punching and Shearing Machines, Incl. Combination, NC	231	26759	7	1022
3586	Shearing Machines, Non-NC	624	10933	113	1849
3587	Punching & Combination Punching & Shearing Machines, Non-NC	496	10558	55	419
3588	Bending, Folding, Straightening & Flattening Machines, NC	244	18200	17	2502
3589	Press Brakes, Non-NC	498	14313	44	1194
3591	Bending Rolls, Ram & Press Bending Machines, Non-NC	88	1471	1	37
3592	Bending, Folding, Str. & Flattening Machines, Non-NC, N.E.C.	1070	33111	96	1881
3593	Metal Forming Machine Tools, NC, N.E.C.	157	47864	8	19819
3594	Mechanical Presses, Non-NC	390	54056	30	6878
3595	Hydraulic Presses, Vertical, Single Action, Non-NC	74	23821	14	4474
3596	Hydraulic & Pneumatic Presses, Non-NC, N.E.C.	887	79959	41	2983
3597	Headers & Upsetters, Non-NC	92	9236	6	1599
3598	Forging Machines, Non-NC, N.E.C.	117	14227	21	138
3599	Metal Forming Machine Tools, Non-NC, N.E.C.	2432	65572	205	5451
	TOTAL FORMING			3261	53825
	TOTAL FORMING YTD	36185	463485		
	TOTAL ALL TYPES			111451	177452
	TOTAL ALL TYPES YTD	1021219	1842269		

*CODE 6744000 SHOWN ABOVE REPRESENTS COMBINED DATA FROM CODES 674: 3015, 3415, 3326, 3461,3472, 3502, 3524, & 3573

**CODE 6745000 SHOWN ABOVE REPRESENTS COMBINED DATA FROM CODES 674: 3100, 3462, 3473, 3503, 3526, & 3574

U.S. IMPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF ORIGIN BY TYPE OF MACHINE
NOVEMBER 1988

674:	AUSTRIA		BELGIUM		DENMARK		FRANCE		ITALY	
	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3025	0	0	0	0	0	0	0	0	0	0
3035	0	0	0	0	0	0	0	0	0	0
3045	0	0	2	353	0	0	0	0	0	0
3404	0	0	0	0	0	0	0	0	0	0
3406	0	0	0	0	0	0	0	0	0	0
3409	0	0	0	0	0	0	0	0	0	0
3411	0	0	0	0	0	0	0	0	3	1182
3412	0	0	0	0	0	0	0	0	1	198
3413	0	0	0	0	0	0	0	0	0	0
3417	0	0	0	0	0	0	0	0	0	0
3418	0	0	0	0	0	0	0	0	0	0
3419	0	0	0	0	0	0	0	0	1	288
3422	0	0	0	0	0	0	0	0	0	0
3423	0	0	0	0	0	0	0	0	1	10
3328	0	0	0	0	0	0	0	0	0	0
3329	0	0	0	0	0	0	0	0	0	0
3334	0	0	0	0	0	0	0	0	0	0
3336	0	0	0	0	0	0	0	0	0	0
3342	0	0	0	0	0	0	0	0	1	6
3464	5	68	0	0	0	0	0	0	1	8
3466	0	0	0	0	0	0	0	0	0	0
3467	0	0	0	0	0	0	0	0	0	0
3468	0	0	0	0	0	0	0	0	0	0
3469	5	28	1	15	0	0	1	50	3	21
3476	0	0	0	0	0	0	0	0	0	0
3477	0	0	0	0	0	0	0	0	2	44
3481	0	0	0	0	0	0	0	0	0	0
3483	0	0	0	0	0	0	0	0	10	88
3504	0	0	0	0	0	0	0	0	0	0
3506	0	0	0	0	0	0	1	58	1	82
3508	0	0	0	0	0	0	1	86	0	0
3510	0	0	0	0	0	0	0	0	0	0
3512	0	0	0	0	0	0	0	0	0	0
3513	0	0	0	0	0	0	0	0	0	0
3514	0	0	0	0	0	0	0	0	0	0
3515	0	0	0	0	0	0	0	0	0	0
3516	0	0	0	0	0	0	0	0	0	0
3518	0	0	0	0	0	0	2	476	0	0
3505	0	0	0	0	0	0	0	0	0	0
3519	8	346	0	0	0	0	0	0	0	0
3522	20	219	0	0	0	0	1	8	1	400
3527	0	0	1	20	0	0	0	0	0	0
3528	0	0	0	0	0	0	0	0	8	75
3529	0	0	0	0	3	19	1	13	0	0
3533	0	0	0	0	0	0	0	0	11	67
3539	0	0	0	0	0	0	0	0	0	0
3541	0	0	0	0	0	0	0	0	4	68
3543	3	26	0	0	0	0	0	0	3	450
3546	0	0	0	0	0	0	0	0	0	0
3554	0	0	1	10	0	0	0	0	0	0
3556	0	0	0	0	0	0	0	0	0	0
3558	0	0	0	0	0	0	0	0	0	0
3559	3	57	0	0	25	130	9	219	4	105
3562	0	0	0	0	0	0	0	0	0	0
3564	0	0	0	0	0	0	1	22	0	0
3567	0	0	0	0	0	0	0	0	0	0
3571	0	0	0	0	0	0	0	0	0	0
3576	0	0	0	0	0	0	0	0	0	0
3577	0	0	0	0	0	0	1	3	26	283
3578	0	0	0	0	0	0	0	0	0	0
3579	0	0	0	0	10	114	30	236	8	114
4000	1	135	1	154	0	0	0	0	2	15
5000	157	64	0	0	31	34	207	76	3814	516
CUT MO.	202	943	6	552	69	297	255	1247	3905	4027
CUT YTD	9792	8307	284	2227	554	1763	3848	9945	13866	39769
1010	1	5	0	0	0	0	0	0	8	136
3582	0	0	1	114	0	0	0	0	0	0
3583	9	1	1	1	23	35	0	0	356	56
3584	0	0	0	0	0	0	0	0	0	0
3586	0	0	6	96	0	0	0	0	0	0
3587	0	0	0	0	0	0	0	0	13	75
3588	0	0	2	686	1	31	0	0	0	0
3589	0	0	2	35	0	0	0	0	0	0
3591	0	0	0	0	0	0	0	0	0	0
3592	0	0	0	0	0	0	1	12	9	119
3593	0	0	0	0	0	0	0	0	0	0
3594	0	0	0	0	3	9	0	0	2	2862
3595	0	0	0	0	4	29	0	0	0	0
3596	0	0	0	0	0	0	0	0	0	0
3597	0	0	0	0	0	0	0	0	1	192
3598	0	0	0	0	0	0	0	0	0	0
3599	0	0	20	363	0	0	23	82	23	499
FRM MO.	10	6	32	1295	31	104	24	94	412	3939
FRM YTD	114	337	1023	13453	97	1482	1053	4192	2414	29743
TOT MO.	212	949	38	1847	100	401	279	1341	4317	7966
TOT YTD	9906	8644	1307	15680	651	3245	4901	14137	16280	69512

U.S. IMPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF ORIGIN BY TYPE OF MACHINE
NOVEMBER 1988

	NETHERLANDS		PORTUGAL		SPAIN		SWEDEN		SWITZERLAND	
674.	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3025	0	0	0	0	0	0	0	0	0	0
3035	0	0	0	0	0	0	0	0	0	0
3045	0	0	0	0	0	0	0	0	0	0
3404	0	0	0	0	0	0	0	0	0	0
3406	0	0	0	0	0	0	0	0	0	0
3409	1	921	0	0	0	0	0	0	0	0
3411	0	0	0	0	0	0	4	635	0	0
3412	0	0	0	0	0	0	0	0	2	188
3413	0	0	0	0	0	0	0	0	0	0
3417	0	0	0	0	0	0	0	0	0	0
3418	0	0	0	0	0	0	0	0	0	0
3419	0	0	0	0	0	0	0	0	0	0
3422	0	0	0	0	0	0	0	0	3	99
3423	0	0	0	0	0	0	0	0	0	0
3328	0	0	0	0	0	0	0	0	0	0
3329	0	0	0	0	0	0	0	0	0	0
3334	0	0	0	0	1	43	0	0	0	0
3336	0	0	0	0	0	0	11	74	0	0
3342	0	0	0	0	2	12	2	72	0	0
3464	0	0	0	0	14	138	0	0	1	51
3466	0	0	0	0	0	0	0	0	0	0
3467	0	0	0	0	178	890	0	0	0	0
3468	0	0	0	0	0	0	3	289	0	0
3469	0	0	0	0	15	73	0	0	1	118
3476	0	0	0	0	0	0	0	0	0	0
3477	0	0	0	0	0	0	0	0	0	0
3481	0	0	0	0	0	0	0	0	0	0
3483	0	0	0	0	0	0	0	0	1	166
3504	0	0	0	0	0	0	0	0	0	0
3506	0	0	0	0	0	0	0	0	0	0
3508	0	0	0	0	0	0	0	0	0	0
3510	0	0	0	0	0	0	0	0	1	17
3512	0	0	0	0	1	45	0	0	0	0
3513	0	0	0	0	0	0	0	0	0	0
3514	0	0	0	0	0	0	0	0	0	0
3515	0	0	0	0	0	0	0	0	0	0
3516	0	0	0	0	0	0	0	0	0	0
3518	0	0	0	0	0	0	0	0	2	53
3505	0	0	0	0	0	0	0	0	0	0
3519	0	0	0	0	0	0	0	0	0	0
3522	0	0	0	0	0	0	0	0	1	18
3527	0	0	0	0	0	0	0	0	12	837
3528	0	0	0	0	0	0	0	0	0	0
3529	0	0	0	0	0	0	0	0	8	162
3533	0	0	0	0	0	0	0	0	0	0
3539	0	0	0	0	0	0	0	0	2	203
3541	0	0	0	0	0	0	0	0	0	0
3543	0	0	0	0	0	0	0	0	3	162
3546	0	0	0	0	0	0	0	0	1	262
3554	0	0	0	0	0	0	0	0	5	362
3556	0	0	0	0	0	0	0	0	0	0
3558	0	0	0	0	0	0	0	0	2	288
3559	0	0	0	0	5	25	0	0	10	519
3562	0	0	0	0	1	6	0	0	5	602
3564	0	0	0	0	0	0	0	0	8	474
3567	0	0	0	0	0	0	0	0	0	0
3571	0	0	0	0	0	0	0	0	0	0
3576	0	0	0	0	0	0	0	0	0	0
3577	4	88	0	0	0	0	0	0	1	18
3578	0	0	0	0	1	4	0	0	0	0
3579	0	0	0	0	4	28	3	16	0	0
4000	0	0	0	0	1	14	0	0	7	71
5000	40	55	0	0	95	4	135	188	206	37
CUT MO.	45	1064	0	0	318	1282	158	1284	282	4687
CUT YTD	4788	6410	50	188	4124	16741	1834	9036	4913	64157
1010	0	0	0	0	0	0	0	0	0	0
3582	0	0	0	0	3	17	1	7	1	3
3583	0	0	0	0	54	34	12	5	352	18
3584	0	0	0	0	0	0	0	0	2	283
3586	0	0	5	77	0	0	2	57	0	0
3587	0	0	0	0	33	264	0	0	1	10
3588	0	0	0	0	0	0	0	0	0	0
3589	0	0	2	23	0	0	0	0	0	0
3591	0	0	0	0	0	0	1	37	0	0
3592	1	7	0	0	0	0	21	252	0	0
3593	0	0	0	0	0	0	0	0	0	0
3594	0	0	0	0	0	0	0	0	0	0
3595	0	0	0	0	0	0	0	0	0	0
3596	0	0	1	18	0	0	0	0	2	31
3597	0	0	1	5	0	0	0	0	0	0
3598	0	0	0	0	1	22	0	0	0	0
3599	0	0	0	0	3	91	31	149	3	597
FRM MO.	1	7	9	123	94	428	68	507	361	942
FRM YTD	318	3962	62	667	719	3200	739	10229	1793	17061
TOT MO.	46	1071	9	123	412	1710	226	1791	643	5629
TOT YTD	5106	10372	112	855	4843	19941	2573	19265	6706	81218

U.S. IMPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF ORIGIN BY TYPE OF MACHINE
NOVEMBER 1988

	U. KINGDOM		W. GERMANY		YUGOSLAVIA		CANADA		BRAZIL	
674:	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3025	0	0	2	199	0	0	0	0	0	0
3035	0	0	0	0	0	0	0	0	0	0
3045	0	0	2	951	0	0	0	0	0	0
3404	38	2034	0	0	0	0	0	0	0	0
3406	0	0	0	0	0	0	0	0	0	0
3409	1	97	5	530	0	0	0	0	0	0
3411	10	785	6	915	0	0	1	77	0	0
3412	0	0	0	0	0	0	0	0	0	0
3413	0	0	0	0	0	0	0	0	0	0
3417	0	0	0	0	0	0	0	0	0	0
3418	0	0	0	0	0	0	0	0	0	0
3419	0	0	2	269	0	0	0	0	0	0
3422	0	0	0	0	0	0	0	0	0	0
3423	0	0	0	0	0	0	0	0	0	0
3328	0	0	0	0	0	0	0	0	0	0
3329	0	0	0	0	0	0	0	0	0	0
3334	0	0	1	3	0	0	0	0	0	0
3336	0	0	6	34	0	0	0	0	0	0
3342	8	99	1	133	0	0	1	96	0	0
3464	24	835	0	0	0	0	0	0	0	0
3466	0	0	0	0	0	0	0	0	0	0
3467	50	205	0	0	0	0	0	0	0	0
3468	1	37	0	0	0	0	0	0	0	0
3469	29	328	1	485	0	0	0	0	0	0
3476	0	0	1	381	0	0	0	0	0	0
3477	2	155	2	6	0	0	0	0	0	0
3481	0	0	0	0	0	0	0	0	0	0
3483	0	0	10	835	0	0	2	33	0	0
3504	0	0	1	268	0	0	0	0	0	0
3506	14	198	6	1630	0	0	0	0	0	0
3508	0	0	2	429	0	0	0	0	0	0
3510	0	0	0	0	0	0	0	0	0	0
3512	83	913	0	0	6	38	4	45	67	400
3513	0	0	0	0	0	0	0	0	0	0
3514	2	19	0	0	0	0	0	0	0	0
3515	0	0	0	0	0	0	0	0	0	0
3516	2	45	0	0	0	0	0	0	0	0
3518	2	26	1	20	0	0	0	0	0	0
3505	0	0	0	0	0	0	0	0	0	0
3519	0	0	3	455	0	0	1	15	0	0
3522	20	743	2	17	0	0	0	0	0	0
3527	0	0	0	0	0	0	0	0	0	0
3528	1	207	0	0	0	0	0	0	0	0
3529	5	70	23	973	0	0	3	54	0	0
3533	17	175	2	229	0	0	0	0	0	0
3539	0	0	4	677	0	0	0	0	0	0
3541	0	0	2	43	0	0	0	0	0	0
3543	2	40	3	422	0	0	0	0	0	0
3546	0	0	1	50	0	0	0	0	0	0
3554	0	0	0	0	0	0	0	0	0	0
3556	0	0	1	60	0	0	0	0	0	0
3558	1	4	0	0	0	0	0	0	0	0
3559	9	477	22	339	0	0	6	60	0	0
3562	1	24	0	0	0	0	0	0	0	0
3564	1	39	0	0	0	0	0	0	0	0
3567	6	147	1	98	0	0	0	0	0	0
3571	6	680	16	45	0	0	0	0	0	0
3576	0	0	10	847	0	0	0	0	0	0
3577	56	177	33	424	7	21	18	163	0	0
3578	0	0	0	0	0	0	0	0	0	0
3579	7	328	6	89	0	0	26	796	0	0
4000	27	504	56	373	0	0	27	74	0	0
5000	277	269	1910	341	14	17	676	103	0	0
CUT MO.	702	9660	2144	12570	27	76	765	1516	67	400
CUT YTD	10320	76995	15228	196955	358	1628	7380	17289	842	5388
1010	0	0	5	216	0	0	5	153	0	0
3582	3	10	3	105	0	0	15	178	0	0
3583	1	2	450	289	0	0	16	19	0	0
3584	0	0	1	140	0	0	0	0	0	0
3586	17	85	15	201	0	0	5	190	0	0
3587	0	0	3	20	0	0	1	12	0	0
3588	0	0	2	1210	0	0	1	51	0	0
3589	1	24	1	161	1	6	15	342	0	0
3591	0	0	0	0	0	0	0	0	0	0
3592	3	462	16	81	0	0	19	445	0	0
3593	0	0	0	0	0	0	0	0	0	0
3594	2	259	0	0	1	220	3	128	0	0
3595	0	0	1	4	0	0	4	63	5	4378
3596	4	11	4	305	0	0	15	150	1	1727
3597	0	0	1	123	0	0	0	0	0	0
3598	17	83	0	0	0	0	0	0	0	0
3599	7	859	47	578	0	0	21	490	0	0
FRM MO.	55	1795	549	3433	2	226	120	2221	6	6105
FRM YTD	911	15185	4475	45926	2	226	1725	35614	43	23282
TOT MO.	757	11455	2693	16003	29	302	885	3737	73	6505
TOT YTD	11231	92180	19703	242881	360	1854	9105	52903	885	28670

U.S. IMPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF ORIGIN BY TYPE OF MACHINE
NOVEMBER 1988

674.	CHINA		ISRAEL		JAPAN		KOREAN REP.		SINGAPORE	
	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3025	0	0	0	0	1	162	0	0	0	0
3035	0	0	0	0	0	0	0	0	0	0
3045	0	0	0	0	0	0	0	0	0	0
3404	0	0	0	0	138	12126	0	0	0	0
3406	0	0	0	0	7	1152	0	0	0	0
3409	0	0	0	0	16	3871	0	0	0	0
3411	0	0	0	0	8	2463	0	0	0	0
3412	0	0	0	0	2	2113	0	0	0	0
3413	0	0	0	0	0	0	0	0	0	0
3417	0	0	0	0	1	257	0	0	0	0
3418	0	0	0	0	2	1193	0	0	0	0
3419	0	0	0	0	0	0	0	0	0	0
3422	0	0	0	0	0	0	0	0	0	0
3423	0	0	0	0	0	0	0	0	0	0
3328	0	0	0	0	9	413	0	0	0	0
3329	0	0	0	0	0	0	0	0	0	0
3334	3	10	0	0	0	0	0	0	0	0
3336	4	26	0	0	0	0	0	0	0	0
3342	0	0	0	0	3	39	1	35	0	0
3464	0	0	0	0	3	1422	0	0	0	0
3466	0	0	0	0	1	31	0	0	0	0
3467	0	0	0	0	2	97	0	0	0	0
3468	0	0	0	0	2	81	0	0	0	0
3469	0	0	3	245	10	902	0	0	0	0
3476	0	0	0	0	0	0	0	0	0	0
3477	0	0	0	0	1	71	0	0	0	0
3481	0	0	0	0	1	177	0	0	0	0
3483	0	0	0	0	0	0	0	0	0	0
3504	0	0	0	0	17	2113	0	0	0	0
3506	0	0	0	0	209	14883	24	1258	0	0
3508	0	0	0	0	42	5650	0	0	0	0
3510	0	0	0	0	0	0	0	0	0	0
3512	64	311	0	0	1	67	16	144	0	0
3513	0	0	0	0	0	0	0	0	0	0
3514	0	0	0	0	0	0	0	0	0	0
3515	0	0	0	0	0	0	0	0	0	0
3516	0	0	0	0	0	0	0	0	0	0
3518	0	0	0	0	0	0	0	0	0	0
3505	0	0	0	0	3	697	0	0	0	0
3519	0	0	0	0	4	701	1	32	0	0
3522	10	46	0	0	1	52	13	100	2	14
3527	0	0	0	0	11	98	0	0	0	0
3528	0	0	0	0	11	670	0	0	0	0
3529	0	0	0	0	6	108	0	0	0	0
3533	0	0	0	0	1	4	1	116	0	0
3539	0	0	0	0	1	417	0	0	0	0
3541	0	0	0	0	2	149	0	0	39	335
3543	10	38	0	0	40	266	0	0	0	0
3546	0	0	0	0	3	568	0	0	0	0
3554	3	25	0	0	2	87	0	0	0	0
3556	0	0	0	0	0	0	0	0	0	0
3558	3	12	0	0	0	0	0	0	0	0
3559	12	179	0	0	26	2433	0	0	0	0
3562	0	0	0	0	71	5852	0	0	0	0
3564	0	0	0	0	14	483	0	0	0	0
3567	0	0	0	0	5	991	0	0	0	0
3571	0	0	0	0	5	1187	0	0	0	0
3576	0	0	0	0	15	721	0	0	0	0
3577	0	0	4	178	45	1482	0	0	0	0
3578	0	0	0	0	0	0	0	0	0	0
3579	2	15	0	0	19	1130	0	0	0	0
4000	0	0	1	2	15	1202	1	8	0	0
5000	5456	353	0	0	7990	1232	20	12	0	0
CUT MO.	5567	1011	8	425	8766	69813	77	1705	41	349
CUT YTD	48597	6376	385	2365	89517	761352	1733	12438	828	9188
1010	0	0	0	0	6	1791	0	0	0	0
3582	0	0	0	0	8	32	0	0	0	0
3583	6	6	0	0	23	19	57	20	0	0
3584	0	0	0	0	4	599	0	0	0	0
3586	0	0	0	0	54	1049	0	0	5	69
3587	0	0	0	0	4	38	0	0	0	0
3588	0	0	0	0	10	494	0	0	0	0
3589	0	0	0	0	17	573	0	0	4	24
3591	0	0	0	0	0	0	0	0	0	0
3592	0	0	3	37	19	444	0	0	0	0
3593	0	0	0	0	8	19819	0	0	0	0
3594	0	0	0	0	17	3026	0	0	0	0
3595	0	0	0	0	0	0	0	0	0	0
3596	0	0	0	0	9	600	0	0	0	0
3597	0	0	0	0	3	1279	0	0	0	0
3598	0	0	0	0	0	0	0	0	0	0
3599	0	0	1	46	25	1625	0	0	0	0
FRM MO.	6	6	4	83	207	31388	57	20	9	93
FRM YTD	30	187	67	1051	8075	244806	161	303	323	1446
TOT MO.	5573	1017	12	508	8973	101201	134	1725	50	442
TOT YTD	48627	6563	452	3416	97592	1006158	1894	12741	1151	10634

U.S. IMPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF ORIGIN BY TYPE OF MACHINE
NOVEMBER 1988

	TAIWAN		AUSTRALIA		ALL OTHERS	
674	UNITS	$000	UNITS	$000	UNITS	$000
3025	0	0	0	0	1	40
3035	0	0	0	0	0	0
3045	0	0	0	0	0	0
3404	7	316	0	0	0	0
3406	1	67	0	0	0	0
3409	0	0	0	0	0	0
3411	0	0	0	0	0	0
3412	0	0	0	0	0	0
3413	0	0	0	0	0	0
3417	3	39	0	0	0	0
3418	0	0	0	0	0	0
3419	7	208	0	0	0	0
3422	0	0	0	0	0	0
3423	0	0	0	0	0	0
3328	0	0	0	0	0	0
3329	0	0	0	0	0	0
3334	24	162	0	0	3	18
3336	6	45	0	0	0	0
3342	0	0	0	0	0	0
3464	1	113	0	0	0	0
3466	0	0	0	0	0	0
3467	108	711	0	0	2	18
3468	0	0	0	0	0	0
3469	0	0	0	0	1	5
3476	0	0	0	0	0	0
3477	0	0	0	0	0	0
3481	0	0	0	0	0	0
3483	0	0	1	21	3	91
3504	0	0	0	0	0	0
3506	5	208	0	0	0	0
3508	1	74	0	0	0	0
3510	0	0	0	0	0	0
3512	53	409	0	0	21	168
3513	0	0	0	0	0	0
3514	0	0	0	0	0	0
3515	0	0	0	0	0	0
3516	0	0	0	0	0	0
3518	0	0	0	0	0	0
3505	3	116	0	0	0	0
3519	0	0	0	0	0	0
3522	0	0	0	0	0	0
3527	7	51	0	0	0	0
3528	0	0	0	0	0	0
3529	14	91	0	0	0	0
3533	0	0	0	0	0	0
3539	0	0	0	0	0	0
3541	0	0	0	0	0	0
3543	35	415	0	0	0	0
3546	0	0	0	0	0	0
3554	0	0	0	0	6	0
3556	0	0	0	0	3	26
3558	11	83	0	0	0	0
3559	0	0	5	160	10	160
3562	2	19	0	0	0	0
3564	7	102	10	117	0	0
3567	0	0	0	0	0	0
3571	0	0	0	0	0	0
3576	0	0	0	0	0	0
3577	13	52	0	0	0	0
3578	0	0	0	0	0	0
3579	4	35	0	0	0	0
4000	189	14	0	0	10	19
5000	84105	6527	102	21	8	3
CUT MO.	84606	9857	118	319	62	548
CUT YTD	711364	117727	478	3043	53951	9512
1010	0	0	0	0	0	0
3582	0	0	0	0	0	0
3583	1117	256	0	0	66	55
3584	0	0	0	0	0	0
3586	4	25	0	0	0	0
3587	0	0	0	0	0	0
3588	0	0	0	0	1	30
3589	1	6	0	0	0	0
3591	0	0	0	0	0	0
3592	1	13	0	0	3	9
3593	0	0	0	0	0	0
3594	1	4	0	0	1	370
3595	0	0	0	0	0	0
3596	0	0	0	0	5	141
3597	0	0	0	0	0	0
3598	3	33	0	0	0	0
3599	0	0	0	0	1	72
FRM MO.	1127	337	0	0	77	677
FRM YTD	11097	6068	8	215	936	4852
TOT MO.	85733	10194	118	319	139	1225
TOT YTD	722461	123795	486	3258	54887	14364

U.S. IMPORTS OF MACHINE TOOLS TOTAL AND COUNTRIES OF ORIGIN
THE FOLLOWING IS A BREAKDOWN OF THE ACTIVITY BY COUNTRY WHICH IS INCLUDED IN THE ALL OTHER COLUMN
NOVEMBER 1988

	METAL CUTTING		METAL FORMING		TOTAL	
	UNITS	$000	UNITS	$000	UNITS	$000
OTHER EUROPE						
AZORES	0	0	0	0	0	0
BULGARIA	0	0	0	0	0	0
CYPRUS	0	0	0	0	0	0
CZECHOSLOVAKIA	13	248	0	0	13	248
EAST GERMANY	3	58	0	0	3	58
FINLAND	0	0	30	154	30	154
GIBRALTAR	0	0	0	0	0	0
GREECE	0	0	1	30	1	30
HUNGARY	10	25	0	0	10	25
ICELAND	0	0	0	0	0	0
IRELAND	0	0	0	0	0	0
MALTA	0	0	0	0	0	0
NORWAY	0	0	1	72	1	72
POLAND	10	136	0	0	10	136
ROMANIA	0	0	0	0	0	0
USSR	0	0	0	0	0	0
OTHER EUROPE	0	0	0	0	0	0
TOTAL	36	467	32	256	68	723
OTHER NORTH AND CENTRAL AMERICA						
BAHAMAS	0	0	0	0	0	0
BARBADOS	0	0	0	0	0	0
BELIZE	0	0	0	0	0	0
BERMUDA	0	0	0	0	0	0
CAYMAN	0	0	0	0	0	0
COSTA RICA	0	0	0	0	0	0
DOMINICAN REP	0	0	0	0	0	0
FR. W. INDIES	0	0	0	0	0	0
GUATEMALA	0	0	0	0	0	0
HAITI	0	0	0	0	0	0
HONDURAS	0	0	0	0	0	0
JAMAICA	0	0	0	0	0	0
LW & WW IS.	0	0	0	0	0	0
MEXICO	7	15	44	51	51	66
NICARAGUA	0	0	0	0	0	0
N. ANTILLES	0	0	0	0	0	0
PANAMA	0	0	0	0	0	0
SALVADOR	0	0	0	0	0	0
TRINIDAD	0	0	0	0	0	0
TURK ISLAND	0	0	0	0	0	0
OTHER N & C AM.	0	0	0	0	0	0
TOTAL	7	15	44	51	51	66
OTHER SOUTH AMERICA						
ARGENTINA	7	25	0	0	7	25
BOLIVIA	0	0	0	0	0	0
CHILE	0	0	0	0	0	0
COLOMBIA	0	0	0	0	0	0
ECUADOR	3	26	0	0	3	26
FRENCH GUIANA	0	0	0	0	0	0
GUYANA	0	0	0	0	0	0
PARAGUAY	0	0	0	0	0	0
PERU	0	0	0	0	0	0
SURINAM	0	0	0	0	0	0
URAGUAY	0	0	0	0	0	0
VENEZUELA	0	0	0	0	0	0
OTHER S. AM.	0	0	0	0	0	0
TOTAL	10	51	0	0	10	51
OTHER OCEANIA						
FR. PAC. IS.	0	0	0	0	0	0
NEW GUINEA	0	0	0	0	0	0
NEW ZEALAND	0	0	1	370	1	370
SAMOA	0	0	0	0	0	0
TERR. PAC. IS.	0	0	0	0	0	0
OTH. PAC. IS.	0	0	0	0	0	0
OTHER OCEANIA	0	0	0	0	0	0
TOTAL	0	0	1	370	1	370

U.S. IMPORTS OF MACHINE TOOLS TOTAL AND COUNTRIES OF ORIGIN
THE FOLLOWING IS A BREAKDOWN OF THE ACTIVITY BY COUNTRY WHICH IS INCLUDED IN THE
ALL OTHER COLUMN
NOVEMBER 1988

	METAL CUTTING		METAL FORMING		TOTAL	
	UNITS	$000	UNITS	$000	UNITS	$000
OTHER ASIA						
ADEN	0	0	0	0	0	0
AFGHANISTAN	0	0	0	0	0	0
ARAB EMIRATES	0	0	0	0	0	0
BAHRAIN	0	0	0	0	0	0
BANGLADESH	0	0	0	0	0	0
BRUNEI	0	0	0	0	0	0
BURMA	0	0	0	0	0	0
GAZA STRIP	0	0	0	0	0	0
HONG KONG	0	0	0	0	0	0
INDIA	9	15	0	0	9	15
INDONESIA	0	0	0	0	0	0
IRAN	0	0	0	0	0	0
IRAQ	0	0	0	0	0	0
JORDAN	0	0	0	0	0	0
KUWAIT	0	0	0	0	0	0
LEBANON	0	0	0	0	0	0
MALAYSIA	0	0	0	0	0	0
NEPAL	0	0	0	0	0	0
OMAN	0	0	0	0	0	0
PAKISTAN	0	0	0	0	0	0
PHILIPPINES	0	0	0	0	0	0
QATAR	0	0	0	0	0	0
SAUDI ARABIA	0	0	0	0	0	0
SRI LANKA	0	0	0	0	0	0
SYRIA	0	0	0	0	0	0
THAILAND	0	0	0	0	0	0
TURKEY	0	0	0	0	0	0
YEMEN	0	0	0	0	0	0
OTHER ASIA	0	0	0	0	0	0
TOTAL	9	15	0	0	9	15
OTHER AFRICA						
AFARS & ISSAS	0	0	0	0	0	0
ALGERIA	0	0	0	0	0	0
ANGOLA	0	0	0	0	0	0
BENIN	0	0	0	0	0	0
BOTSWANA	0	0	0	0	0	0
CAMEROON	0	0	0	0	0	0
CANARY ISLANDS	0	0	0	0	0	0
DAHOMEY	0	0	0	0	0	0
EGYPT	0	0	0	0	0	0
ETHIOPIA	0	0	0	0	0	0
GABON	0	0	0	0	0	0
GHANA	0	0	0	0	0	0
GUINEA	0	0	0	0	0	0
IVORY COAST	0	0	0	0	0	0
KENYA	0	0	0	0	0	0
LESOTHO	0	0	0	0	0	0
LIBERIA	0	0	0	0	0	0
LIBYA	0	0	0	0	0	0
MALAG REP	0	0	0	0	0	0
MALAWI	0	0	0	0	0	0
MAURITANIA	0	0	0	0	0	0
MAURITIUS	0	0	0	0	0	0
MOROCCO	0	0	0	0	0	0
MOZAMBIQUE	0	0	0	0	0	0
NIGER	0	0	0	0	0	0
NIGERIA	0	0	0	0	0	0
REP S AFRICA	0	0	0	0	0	0
RWANDA	0	0	0	0	0	0
SENEGAL	0	0	0	0	0	0
SIERRA LEONE	0	0	0	0	0	0
SOMALIA	0	0	0	0	0	0
S W AFRICA	0	0	0	0	0	0
SUDAN	0	0	0	0	0	0
SWAZILAND	0	0	0	0	0	0
TANZANIA	0	0	0	0	0	0
TOGO	0	0	0	0	0	0
TUNISIA	0	0	0	0	0	0
UGANDA	0	0	0	0	0	0
ZAIRE	0	0	0	0	0	0
ZAMBIA	0	0	0	0	0	0
ZIMBABWE	0	0	0	0	0	0
OTH WEST AFR	0	0	0	0	0	0
OTHER AFRICA	0	0	0	0	0	0
TOTAL	0	0	0	0	0	0

SOURCE: U.S. DEPARTMENT OF COMMERCE CENSUS REPORT NO. IM146, NATIONAL MACHINE TOOL BUILDERS' ASSOCIATION

NOTES: 1)'0-' = DOLLAR AMOUNT LESS THAN $500. 2)N.E.C. - NOT ELSEWHERE CLASSIFIED. 3)INDIVIDUAL ITEMS MAY NOT ADD TO TOTALS DUE TO ROUNDING. 4)MACHINE TOOL IMPORTS, AS REFLECTED IN THE GOVERNMENT STATISTICS, ARE ACTUALLY UNDERVALUED SINCE THEY REFLECT VALUES IN THE COUNTRY OF ORIGIN AND DO NOT INCLUDE OCEAN FREIGHT, INSURANCE, COMMISSIONS OR IMPORT DUTIES